THE LANCET

www.thelancet.com

Index to Volume 367

January–June 2006

Editor Richard Horton

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Compiled by
Merrall Ross International
Published by THE LANCET

Printed by Polestar Colchester
Ltd, UK, and Cadmus Journal
Services (Easton), USA,
July 2006

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CR	Case Report
E	Editorial
Es	Essay
H	Hypothesis
P	Perspectives
PH	Public Health
R	Review
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BCG vaccination As cost-effective intervention against severe childhood tuberculosis and effect on tuberculous meningitis and miliary TB (Novelli 1122 Com), (Bourdin Trunz et al 1173); Protection against *M tuberculosis* infection (Lalvani et al 391 C), (Cobelens and Verver 392 C), (Bothamley 393 C), (Lalvani et al 393 C)
Bednets *see* Insecticide-treated bednets
Bedouin population Improved immunisation coverage reducing vaccine-preventable communicable disease but need to measure coverage (Papania and Rodewald 965 Com), (Belmaker et al 987)
Beliefs Muslim health-care workers and alcohol-based handrubs (Ahmed et al 1025 V) *See also* Cultural practices
Benign prostatic hyperplasia Acute/chronic prostate inflammation link (McVary 195 Com)
Bernard J Obituary (Pincock 1896)
Beta-2 agonists (β_2 agonists) Long-acting and paediatric asthma and need to scrutinise closely paediatric medicines (Bisgaard and Szefler 286 Com)
Beta-blockers As antianginal drugs of choice? (Opie et al 74); Blood pressure reduction by cardiovascular outcome not improved, rationale (Wilkinson et al 627 Com); Primary hypertension treatment and trials (Cruickshank 208 C), (Khan and McAlister 208 C), (Ball 209 C), (Lindholm et al 210 C)
Bhutan Tobacco product sales banned (624 E)
Bias Citation (Chalmers and Matthews 449 Com); Optimism, implications in clinical research (Chalmers and Matthews 449 Com)
Bile acids Synthesis, homoeostasis, detoxification and role of farnesol X and pregnane X (Chen and Raymond 454 Com)
Bill & Melinda Gates Foundation Funding of new drug research for African trypanosomiasis (Barrett 1377 Com); Funding of research for introduction of new HPV vaccine (2034 E)
Biological relationships Predator-prey, whale fall, symbiosis, and *Ciona* and bacterial genes (Watts 459 Com)
Biopsychosocial approach Treatment of children with unexplained chronic pain (Kashikar-Zuck 380 Com)
Bioptics Laser refractive surgery (Sakimoto et al 1444 R)
Bioterrorism Q fever and *Coxiella burnetii* infections (Parker et al 683 S)
Bipolar disease Course of after history of childhood trauma (Leverich and Post 1040 Com); Disease Control Priorities Project (DCPP) (Laxminarayan et al 1205 PH)
Birds Vulture decline owing to diclofenac and reduction by meloxicam (Sharp 887 Com)
Birth *see* Childbirth
Birth defects Consanguinity effects (Teebi and El-Shanti 970 Com)
Bisphosphonates Osteoporosis management (Sambrook and Cooper 2014 S)
Black C Leader of Academy of Medical Royal Colleges (Audrey 1723 P)
Black I B Obituary (Oransky 468)
Bladder Pathophysiology and normal continence in women (Norton and Brubaker 58 S); Reconstruction using autologous engineered bladder tissues (Chung 1215 Com), (Atala et al 1241); Tissue-engineering in patients needing cystoplasty (Chung 1215 Com), (Atala et al 1241); Training, urinary incontinence in women (Norton and Brubaker 62 S)
Blasco M Lifeline article (1723 P)
Bleeding disorders Concerns over emerging pathogens and detection difficulties (Ludlam et al 252 R)
Blood-borne diseases Health risks at the Hajj (Ahmed et al 1012 R)
Blood pressure Brachial artery *vs* aortic and effect of beta-blockers (Wilkinson et al 627 Com); Reduction in hypertension (Kaplan and Opie 171); Reduction in hypertension, central pressure *vs* brachial (Wilkinson et al 627 Com) *See also* Antihypertensives; Hypertension
Blood products Concerns over emerging pathogens and detection difficulties (Ludlam et al 252 R)
Blum H L Obituary (Oransky 390)
Blushing As embarrassing condition, causes and treatment (Nicolaou et al 1297 Com), (Dijk and de Jong 2059 C)
Body mass index (BMI) Myocardial infarction risk weakly associated (INTERHEART study) (Thum and Anker 1051 C), (Schneider et al 1052 C), (Kahn 1053 C), (Wilding and Finer 1053 C), (Yusuf 1054 C)
Bone marrow Autologous stem-cell transfer after myocardial infarction (randomised trial) (Penn 87 Com), (Janssens et al 113)
Bone mass Childhood, link to maternal vitamin D status (Javaid et al 36), (Wjst 1316 C), (Cooper et al 1317 C), (1486 correction)
Bono (Hewson P) Product Red initiative to fight HIV/AIDS (789 E)
Bordetella pertussis Recent developments in diagnosis (Crowcroft and Pebody 1926 S)
Bovine spongiform encephalopathy (BSE) Origins (Baron and Biacabe 297 C), (Colchester and Colchester 298 C), (Pennington 298 C)
Bovine tuberculosis Role of badgers (Sharp 631 Com)
Bradford (UK) Trial by media (*Panorama* programme) and clinical management of breast cancer (Wright et al 1139 C)
Bradford Hill Memorial Lecture, 15th Warning over taking for granted randomised trial successes (Horton 1633 Com)
Brain Anatomical/functional changes in depression (Ebmeier et al 155 S); Developmental abnormalities, epilepsy in children and (Guerrini 503 S); Injury, epilepsy in children after (Guerrini 504 S); Seizure-induced damage in children (Guerrini 511 S)
Brainstem dysfunction Assessment in FOUR scale for coma (Servadei 548 Com)
Brass L M Obituary (Oransky 1724)
Brazil Children in custody (Bochenek and Delgado 696 Es), (1902 correction)
Breast cancer 5th European Breast Cancer Conference and need to tell results to study participants (1030 E); Chemoprevention by tamoxifen or aromatase inhibitors and need for new agents (O'Regan 1382 Com); Early, effects of radiotherapy and surgery

(EBCTCG) (Cserni 1652 C), (Promish et al 1652 C), (Kunkler et al 1653 C), (Darby et al 1654 C), (Verschraegen and Vinh-Hung 1654 C); Early, trastuzumab and recurrence rate interpretation (Bryant and Geyer 728 C); Early, trastuzumab for and cautions (Smith et al 107 C), (Stuart et al 107 C), (Thorat 108 C); Males *see* Male breast cancer; Mammographical screening *see* Mammography; Trial by media (*Panorama* programme) and clinical management in Bradford (Wright et al 1139 C)

British-American Tobacco (BAT) Secret research on cigarette toxicity and smoking behaviour released by tobacco industry (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C)

British Medical Journal (BMJ) Correspondence section (Mullan 1042 Com); Response to media reports on CNEP trial (Hey and Chalmers 1032 Com)

British National Formulary for Children (BNFC) Publication and benefits for optimising medicines for children (Kendall and Mehta 281 Com); Recommendations on long-acting β, agonists for children (Bisgaard and Szefler 286 Com)

British science Scrutiny (Willis 567 C)

Bronchitis, chronic *see* Chronic obstructive pulmonary disease (COPD)

Bronchopulmonary dysplasia (Kinsella et al 1421 S); Definition/history and epidemiology/pathogenesis/pathophysiology/outcome/prevention and treatment (Kinsella et al 1421 S)

Brown M Lunch with *The Lancet* article (Oransky 203 P)

Buccal mucosa For urethral stricture repair (Waxman and Morey 1379 Com)

BUILD-1 and BUILD-2 studies Systemic sclerosis treatment (Charles et al 1689 S)

Bulgaria Illegal organ trading admitted by hospital (Pancevski 461 WR)

Bupropion For comorbid opioid and cocaine dependence treatment (Johnson 1714 Com)

Burchenal J Obituary (Oransky 1480)

Bureaucracy, health care German doctors' protest and new microchipped health cards (Hyde 1717 WR)

Burma Western Myanmar, dihydroartemisinin-piperaquine *vs* artesunate-mefloquine in falciparum malaria (randomised trial) (Duffy and Mutabingwa 2037 Com), (Smithuis et al 2075)

Buruli ulcer (Wansbrough-Jones and Phillips 1849 S); History/clinical features/diagnosis/pathophysiology/immune response and management (Wansbrough-Jones and Phillips 1849 S); Skin ulceration and granuloma formation (Millay et al 1874 CR)

Burundi Roman Catholic Church call for mandatory testing for HIV before marriage (1118 E)

Bypass Angioplasty *vs* for severe leg ischaemia (Bradley and Kirker 1814 C), (Takagi et al 1814 C), (Bradbury 1815 C)

C

C1 inhibitor deficiency Hereditary angioedema type 1 presenting with acute abdominal pain (Persiani et al 1548 CR)

CA 19-9 In Hodgkin's lymphoma presenting with cholestasis (Castel et al 1028 CR)

Caesarean section Decision-making and suggestion for binomial categorisation of indications (Kalish et al 883 Com); High rates not indicating better perinatal care and harm associated (Victora and Barros 1796 Com), (Villar et al 1819)

CAFE (Conduit Artery Function Evaluation) study Beta-blocker aorta *vs* brachial artery (Wilkinson et al 627 Com)

CAFOD (Catholic Agency for Overseas Development) Report on gold mining and effects on developing countries (1630 E)

Caged beds Czech government to be sued over patient death (Krosnar 1889 WR)

Calcium Intravenous replacement and calculation error leading to hypocalcaemia deterioration (Stratta et al 273 UoE); Nephrolithiasis, pathophysiology (Moe 335 S); Supplements, osteoporosis management (Sambrook and Cooper 2013 S)

Calcium gluconate Intravenous calcium replacement and calculation error leading to hypocalcaemia deterioration (Stratta et al 273 UoE)

Caloric restriction Tumorigenesis prevention via glucose metabolism effect (Ashrafian 618 H)

Cambodia HIV prevention research and community engagement (Newman 302 C)

Campbell Collaboration Equity Methods Group Research to assess effect of interventions on health disparities and equity (Tugwell et al 1128 Com)

Canada *CMAJ* crisis *see Canadian Medical Association Journal*; Indigenous health performance measurement systems (Smylie et al 2029 V); Petrochemical plants blamed for gender imbalance (Webster 462 WR); Researchers' launch of open-access journal after *CMAJ* crisis over editors' sacking (Webster 1133 WR)

Canadian Medical Association (CMA) (Singer and Guyatt 1551 Com)

Canadian Medical Association Journal (CMAJ) Editorial independence questions, governance principles/plan, selection of editors and lessons from debacle (Singer and Guyatt 1551 Com); Editors sacked, editor's job and editors' longevity (Audrey 1049 P); Editors sacked and concerns over need for investigative journalism (704 E), (Webster 720 WR), (Vogel 1486 C); Resignation of further editors and Canadian researchers' response by launching open-access journal (Webster 1133 WR)

Canary Islands Q fever presenting with hepatic involvement in visitor (Somasundaram et al 1116 CR)

Cancer Communication, expensive drugs, slowing down and traffic fine (Shannon 1456 Es); Diagnosis, treatment and survival in Indigenous *vs* non-Indigenous Australians (Valery et al 1842); Metastatic, spinal cord compression and surgical resection for (Kunkler 109 C), (Koch and De Keyser 109 C), (Patchell et al 109 C); Pain relief in palliative care and drug control policy reformed in Romania (Riley and Ross 2040 Com), (Mosoiu et al 2110 PH); Prevention/treatment, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1204 PH) *See also specific cancers (e.g. breast cancer)*

Cancer institutes Need to prevent staff from smoking and to lead smoking cessation fight (Boyle et al 1710 Com)

Candidaemia Secondary to intravascular catheter colonisation (Bal 728 C), (Kullberg et al 729 C)

Cannabis Psychosis precipitation (Hall 193 Com), (Macleod et al 1055 C), (1056 correction); Schizophrenia risk associated (Hall 193 Com), (Macleod et al 1055 C), (1056 correction)

CAPPP trial Hypertension treatment (Khan and McAlister 208 C), (Lindholm et al 210 C)

Capsaicin Chemistry, potential benefits, and world's hottest chilli (Sharp 1804 Com)

***Capsicum* spp.** World's hottest chilli, culinary use, capsaicin, and potential benefits (Sharp 1804 Com)

Carbohydrates Low-carbohydrate diets and life-threatening complication of Atkins diet (Steffen and Nettleton 880 Com), (Chen et al 958 CR)

Carbon dioxide Atmospheric increase, tree growth and methane generation concerns (Watts 715 Com)

Carcinogenesis Intermediate metabolism and effect of glucose metabolism (Ashrafian 618 H)

Carcinogens Ionising radiation from diagnostic CT (Martin and Semelka 1712 Com)

***CARD4* gene** Inflammatory bowel disease and (Gaya et al 1278 R)

***CARD*$_{15}$** Defective acute inflammation in Crohn's disease pathogenesis (Marks et al 668); Inflammatory bowel disease and (Gaya et al 1272 R); Structure, expression, function and phenotypic associations (Gaya et al 1273 R)

Cardiac arrest Bradyasystolic and aminophylline in (randomised trial) (Abu-Laban et al 1577)

Cardiac surgery Aprotinin use, risks and complications associated, conflicting results and need for randomised trial (Sedrakyan et al 1376 Com)

Cardiology Controversies in *see* Controversies in cardiology series; Drug advances (Opie 13 Com)

Cardioprotection Alcohol consumption and window of benefit for light-to-moderate drinkers (Beulens and Hendriks 902 C), (Jackson et al 902 C); Postconditioning for protection of heart in myocardial infarction (Yellon and Opie 456 Com)

Cardiopulmonary resuscitation European Resuscitation Council's 2005 guidelines (Parfitt 283 Com)

Cardiovascular abnormalities Bronchopulmonary dysplasia and (Kinsella et al 1425 S)

Cardiovascular damage By hyperglycaemia in diabetes (Opie et al 71)

Cardiovascular disease Amlodipine *vs* atenolol-based treatment (ASCOT-BPLA) (Donzelli and Malliani 205 C), (Fuchs et al 205 C), (Duerden 206 C), (Goldstein 206 C), (Dahlöf et al 207 C); Causes in Peru due to causes of developed countries (Fraser 2049 WR); Fenofibrate effect on cardiovascular events in type 2 diabetes (FIELD study) (Föger 1141 C), (Sirtori 1141 C), (Keech et al 1142 C); Folate supplementation and (Stampfer et al 1237 C), (Davey Smith and Ebrahim 1238 C), (Spence 1238 C); Prevention/treatment, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1205 PH); Risk and atenolol effect, CAFE and ASCOT studies and importance of aortic pressure (Wilkinson et al 627 Com); Risk management in severe mental illness (Ho and Rumsfeld 1469 Com); Risks at the Hajj (Ahmed et al 1012 R); In smokers and underestimation of COPD (Rennard and Vestbo 1216 Com); Statins to prevent sepsis and reduce sepsis fatality (Merx and Weber 372 Com), (Hackman et al 413), (Cheng 1651 C), (Hackam and Redelmeier 1651 C); In testicular germ-cell cancer (Horwich et al 757 S); Type 1 diabetes (Daneman 853 S) *See also* Coronary artery disease

Cardiovascular research Costs *vs* gains (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C)

Care homes Elder abuse and medication errors (624 E)

Caribbean medical schools US exam boards urge scrutiny (Ceaser 555 WR)

Caribbean region Indigenous demography and health (Montenegro and Stephens 1859)

Car manufacture Efficient techniques adopted from for health care reforms (McCarthy 290 WR)

Carotid artery Bilateral occlusion and ocular ischaemic syndrome (Chuah et al 1370 CR); Pseudo-aneurysm, critical spontaneous rupture (1240 correction); Stenosis, non-invasive imaging *vs* intra-arterial angiography (meta-analysis) (Wardlaw et al 1503)

Carotid endarterectomy Intra-arterial angiography *vs* non-invasive imaging in symptomatic carotid stenosis diagnosis (meta-analysis) and (Wardlaw et al 1503)

Carson B S Sr Lifeline (561 P)

Case Report

Atkins diet and life-threatening complication (ketoacidosis) (Chen et al 958)

Avian influenza A (H5N1) case reported in mainland China (Yu et al 84)

Charcot neuroarthropathy in HIV infection (Oh-Park et al 274)

Cystic fibrosis (adult) presenting with recurrent non-tuberculous mycobacterial infections (Chbeir et al 1952)

Digitalis intoxication induced by paroxetine co-administration (Yasui-Furukori and Kaneko 788)

Guillain-Barré syndrome or extruded lumbar disc and need to deviate from Occam's principle of parsimony (Neira et al 540)

Hepatitis C and hepatocellular carcinoma after moxibustion and religious scarification (Bardia et al 1790)

Hereditary angioedema type 1 presenting with acute abdominal pain (Persiani et al 1548)

Hodgkin's lymphoma presenting with cholestasis (Castel et al 1028)

Hypothyroidism presenting with anaemia and renal impairment (Phanish and Andrews 1212)

Japanese case of vCJD (Yamada et al 874)

Lepromatous leprosy presenting with generalised inflammatory skin disease 18 years after migration to Europe (Schmiedel et al 1458)

Long-duration parenteral nutrition causing confusion, memory disorders, ophthalmoparesis in AIDS (Tattevin et al 368)

Mumps epididymitis (Wharton et al 702)

Mycobacterium ulcerans infection causing acute necrotising dermatitis and granuloma (Millay et al 1874)

Necrobacillosis without Lemierre's syndrome (Mehta and Aisenberg 1702)

Necrosing pneumonia complicating nasal furuncle (Laifer et al 1628)

Ocular ischaemic syndrome as medical emergency (Chuah et al 1370)

Pneumocystis carinii pneumonia in Cushing's syndrome (Keenan et al 446)

Pulmonary valve endocarditis presenting with rigors and microscopic haematuria (Tofaris and Wistow 622)

Q fever presenting with hepatic involvement and lumbosacral pain (Somasundaram et al 1116)
Rheumatic heart disease with mitral and tricuspid valve thickening/tethering and presenting with severe pain and respiratory distress and workshops to improve rheumatic heart disease detection in Fiji (Steer et al 2118)
Thalamic infarct presenting with behavioural changes, memory disturbance, and "flipped" vision (Samarasekera and Dorman 1290)
Urate-induced intestinal perforation presenting with impaired wound healing, arthritis, acute abdomen, and back pain (Härle et al 2032)
Varicella zoster virus cerebellitis in patient without herpes zoster (Ratzka et al 182)

Catecholamine-O-methyltransferase (COMT) Persistent postsurgical pain risk (Kehlet et al 1621 R)
Cathepsin K Osteoporosis management (Sambrook and Cooper 2016 S)
Catheters Intravascular, candidaemia secondary to colonisation (Bal 728 C), (Kullberg et al 729 C)
Catholic Agency for Overseas Development (CAFOD) Report on gold mining and effects on developing countries (1630 E)
CD4+ cells Structured interrupted antiretroviral treatment *vs* continuous HAART and morbidity of HIV infection (randomised trial) (Deeks 1955 Com), (Danel et al 1981) *see under* T cells
CD28 Monoclonal antibody, serious adverse events at clinical trial in London (960 E), (Self and Thompson 1038 Com) *See also* TGN1412 (anti-CD28 monoclonal antibody)
Centers for Disease Control and Prevention (CDC) Recommendations for preconception health care (1792 E); Research injuries in clinical trials in South Africa and moral duties (Cleaton-Jones et al 458 Com)
Central African Republic Health and humanitarian crisis (Wakabi 1969 WR)
Cerebellitis VZV in patient without herpes zoster (Ratzka et al 182 CR)
Cerebral ischaemia of arterial origin (ESPRIT) Dipyridamole with aspirin for secondary stroke prevention (randomised trial) (Norrving 1638 Com), (ESPRIT Study Group 1665)
Cerebral macroangiopathy Homocysteine in (1318 correction)
Cerebral microangiopathy Homocysteine in (1318 correction)
Cerebral palsy Epilepsy in children and (Guerrini 504 S)
Cerebrovascular disease Intra-arterial angiography *vs* non-invasive imaging in symptomatic carotid stenosis diagnosis (meta-analysis) (Wardlaw et al 1503) *See also* Stroke
Cervarix (HPV vaccine) To be submitted to FDA for approval (2034 E)
Cervical cancer HPV16 and HPV18 vaccination and efficacy of bivalent L1 virus-like particle vaccine (follow-up) (Harper et al 1247); Vaccine (Merck's) review by FDA and need to reach adolescents in sub-Saharan Africa (Biddlecom et al 1299 Com)
Cervical cytology Thin-layer (liquid-based) *vs* conventional cytology (systematic review) (Obwegeser and Schneider 88 Com), (Davey et al 122), (Biro et al 1481 C), (Imrie and Colquhoun 1481 C), (Sasieni et al 1481 C), (Boon 1482 C), (Davey et al 1482 C)
Cervical intraepithelial neoplasia Obstetric outcomes after conservative treatment (systematic review and meta-analysis) (Kyrgiou et al 489)
Chagas' disease Disease Control Priorities Project (DCPP) (Laxminarayan et al 1204 PH)
Chan, Lord M C K Obituary (Pincock 562)
Charcot neuroarthropathy In HIV infection (in era of HAART) (Oh-Park et al 274 CR)
Chemical companies US involvement against EU campaign to tighten rules on chemical safety (Loewenberg 556 WR)
Chemical safety US chemical companies' involvement against EU campaign to tighten rules (Loewenberg 556 WR)
Chemokine receptors CCR5 and development/trials of R5 inhibitors (Deeks 711 Com)
Chemotherapy Male breast cancer (Fentiman et al 599 S); Testicular germ-cell cancer (Horwich et al 759 S)
Chernobyl True toll of explosion debated (Parfitt 1305 WR); Understanding legacy and profile of Balonov M (Loewenberg 1311 P)
Chest compressions Change in number in resuscitation under new 2005 guidelines (Parfitt 283 Com)
Child abuse Impact on course of bipolar illness (Leverich and Post 1040 Com)
Childbirth Caesarean section and decision-making for (Kalish et al 883 Com); Home-based or facility-based in Bangladesh and equity issues (Edouard and Bernstein 279 Com), (Chowdhury et al 327); Topical application of chlorhexidine to umbilical cord to prevent omphalitis and neonatal mortality after in Nepal (Mullany et al 910)
Child health In conflict-affecting settings and re-assessment (Zwi et al 1886 Com); Environmental influences (369 E); Global action during coming decade (Horton 3 Com); Songane F's profile as champion of maternal and child health (Kapp 1137 P)
Child mortality Beneficial effects of iron and folic acid supplementation in Nepal (randomised trial) (English and Snow 90 Com), (Tielsch et al 144), (de Benoist et al 816 C); Non-emergency settings and need to resolve undernutrition (Gross and Webb 1209 V), (Müller and Becher 1978 C); Prevention and control, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1199 PH); Reduction, Millennium Development Goals (Horton 3 Com)
Child protection Implementing rights to and challenge for developing countries (Onyango and Lynch 693 Es)
Children Asthma, beta-2 agonists (β, agonists) warning (for adults) implications and lack of data (Bisgaard and Szefler 286 Com); Awareness of wellbeing increased by drawings from children (396 correction); Bacteraemia incidence in Kenyan hospitals (Brent et al 482); Bipolar disorder development (Leverich and Post 1040 Com); Bone mass and link to maternal vitamin D status (Javaid et al 36), (Wjst 1316 C), (Cooper et al 1317 C), (1486 correction); Clinical trials in for paediatric medicines (1953 E); Convention on the Rights of the Child (Waterston and Davies 635 Com) *see under* Essay; In custody in Brazil (Bochenek and Delgado 696 Es), (1902 correction); Diseases, prevention and control, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1199 PH); Early symptoms and diagnosis of meningococcal disease (Nascimento-Carvalho and Moreno-Carvalho 371 Com), (Thompson et al 397), (Kirkpatrick et al 1394 C), (Liverpool Meningococcal Research Group 1394 C), (Gupta and Chaha 1395 C), (Thompson et al 1395 C); Effect of albendazole for helminth infections on atopy prevalence and hygiene hypothesis implications (randomised trial) (Lau and Matricardi 1556 Com), (Cooper et al 1598); Effect of SSRIs on suicide risk (Hall 1959 Com); Epilepsy *see* Epilepsy; Health *see* Child health; Heart transplantation, lymphoproliferative disorders after (Webber et al 233); Hepatitis A vaccine recommendation (Rein et al 546 Com); High lead levels in Peruvian mining town but balance between health and economics (Fraser 889 WR); HIV infection kept secret from infected children by parents in Romania (Ionescu 1566 WR); HIV-positive, and social consequences of antiretroviral drugs (Domek 1367 V); Illnesses, complexity and profile of Stanley F (Pincock 1811 P); Intranasal lorazepam *vs* intramuscular paraldehyde for emergency management of seizures in children (randomised trial) (Goyal and Wiznitzer 1555 Com), (Ahmad et al 1591); Iron and folic acid supplementation effects in malaria and malaria-free areas (English and Snow 90 Com), (Sazawal et al 133), (Tielsch et al 144), (302 correction), (de Benoist et al 816 C); Living in communities affected by AIDS (Foster 700 Es); Malaria prevention by seasonal intermittent treatment with artesunate and sulfadoxine-pyrimethamine (randomised trial) (Cissé et al 659); Malnutrition and *Progress for Children* report (UNICEF) (1459 E); Malnutrition in Niger owing to food shortages (Loewenberg 1474 Com); Medicines for, *BNFC* and difficulties of clinical research for (Kendall and Mehta 281 Com); Mortality *see* Child mortality; New 2005 resuscitation guidelines (Parfitt 283 Com); Overweight/obese, causes and control (1549 E); Procedural sedation and analgesia (Krauss and Green 766 R), (Badina et al 1900 C), (Krauss and Green 1901 C); Quality of hospital care in Kazakhstan, Republic of Moldova and Russia (Duke et al 919); Retrial ordered for nurses/doctor imprisoned in Libya over HIV infection (Pancevski 292 WR); Rights in emergencies and disasters (Penrose and Takaki 698 Es); Single-dose ciprofloxacin *vs* 12-dose erythromycin for cholera (568 correction); SSRI use and EMEA authorisation of fluoxetine (1953 E); Trauma and course of bipolar illness after (Leverich and Post 1040 Com); Treatment of unexplained chronic pain (Kashikar-Zuck 380 Com); Undernutrition should be resolved in non-emergency settings (Gross and Webb 1209 V), (Müller and Becher 1978 C); WHO Child Atlas Project (resources for mental health) (Belfer and Saxena 551 Com); Zinc supplementation in HIV-infected children (Green and Paton 814 C), (Moss et al 815 C)
Child survival Indicators for tracking (Horton 3 Com)
Chilli World's hottest, culinary uses of chilli, and capsaicin therapeutic use (Sharp 1804 Com)
China AIDS decline but spread beyond high-risk groups and new legislation (Watts 803 WR); Avian influenza cash pledged at Beijing meeting exceeds expectations (Harris Cheng 289 WR); Chronic diseases (Liu 565 C); Dengue fever outbreak report and arrest of journalist (1371 E); Health-care reforms, challenges and community-based care needs (623 E), (Li et al 1397 C); Health inequalities tackled by rural health reforms (Watts 1564 WR); Human case of avian influenza A (Yu et al 84 CR); Human organ buying/selling to be illegal (1118 E); Human rights abuses, health concerns and need to debate on engagement terms (1371 E); Identification of new *Neisseria meningitidis* serogroup C clone (Shao et al 419); Illegal sale of organs, reports (1371 E); Tobacco-related death epidemic (Boyle et al 1710 Com); "Transplant tourism" industry to be restricted (1118 E)
Chlamydia trachomatis Trachoma research in Tanzania (Lietman et al 395 C)
Chloral hydrate Procedural sedation and analgesia in children (Krauss and Green 773 R)
Chlorhexidine Topical application to umbilical cord for omphalitis and neonatal mortality prevention (randomised trial) (Mullany et al 910)
Cholangiocarcinoma Seminar article (1656 correction)
Cholera Single-dose ciprofloxacin *vs* 12-dose erythromycin in children (568 correction)
Cholestasis Hodgkin's lymphoma as cause (Castel et al 1028 CR); Nuclear receptor therapy and bile-acid detoxification (Chen and Raymond 454 Com)
Cholesterol-lowering therapy Efficacy and safety (Abraha et al 469 C), (Law and Wald 469 C), (Baigent et al 470 C), (Farrar et al 471 C); Statins and indications for use in coronary artery disease (Opie et al 73) *See also* Statins
Cholinesterase inhibitor Donepezil in severe Alzheimer's disease and benefits (Hogan 1031 Com), (Winblad et al 1057), (1980 correction)
Chromosomal abnormalities Epilepsy in children (Guerrini 503 S)
Chronic diseases Patterns of global tobacco use in young people and implications for (Warren et al 749)
Chronic diseases series Correspondence (Feeney and Kelly 563 C), (Hotez et al 563 C), (Malaviya et al 563 C), (Beaglehole et al 564 C), (Abubakari and Bhopal 565 C), (Liu 565 C), (Adil 566 C), (Adelman and Norris 566 C)
Chronic fatigue syndrome (Prins et al 346 R), (Hyland and Whalley 1573 C), (Abbot and Spence 1574 C), (Prins et al 1574 C); Definitions/epidemiology and prognosis/clinical features/pathophysiology (Prins et al 346 R), (Hyland and Whalley 1573 C), (Abbot and Spence 1574 C), (Prins et al 1574 C); Diagnosis and management (Prins et al 349 R)
Chronic obstructive pulmonary disease (COPD) PLATINO study, prevalence in Latin America and risk factors (Rennard and Vestbo 1216 Com), (1318 correction); Underestimated in smokers and causes of death (Rennard and Vestbo 1216 Com)
Chronic unconsciousness Minimally conscious state and vegetative state (Bernat 1181 S), (2060 correction)
Cigarettes Elastic to reduce nicotine measurement (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C); Toxicity, release of secret research by tobacco industry (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C) *See also* Smoking; Tobacco
***Ciona* (sea squirt)** Bacterial gene origin in (Watts 459 Com)
Ciprofloxacin Enteric fever resistance in UK (Threlfall et al 1576 C); Single-dose *vs* 12-dose erythromycin for childhood cholera (568 correction)
Circoviruses Concerns over occurrence in blood products (Ludlam et al 255 R)

Cirrhosis of liver Mortality rates in UK and alcohol policies (Room 10 Com), (Leon and McCambridge 52), (Leon and McCambridge 645 C), (650 correction), (Smith 1898 C), (Leon and McCambridge 1899 C), (Morrison et al 1899 C)
Climate change *see* Global climate change
Clinical pharmacology and therapeutics (CPT) Decline in UK and reasons (Maxwell and Webb 799 Com), (Breckenridge et al 1051 C)

Clinical Picture

Annular erythema of Sjögren's syndrome (de Winter et al 1604)
Asymptomatic enterothorax (Di Giorgio et al 1086)
Heart of human heart (superposition of left anterior artery and diagonal branch) (Schaer and Lüthy 1007)
Intra-cavity right ventricular metastasis (Hull and Usmani 424)
Saccular aneurysm of descending thoracic aorta (Conen and Schoenenberger 240)
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Depression Brain anatomical/functional changes (Ebmeier et al 155 S); Cognitive performance changes (Ebmeier et al 155 S); Diagnosis, mental health plan and policy paper (86 E), (Maio 1237 C); Disease Control Priorities Project (DCPP) (Laxminarayan et al 1205 PH); Effects of SSRIs on suicide risk and conflicting results (Hall 1959 Com); Etanercept effect in psoriasis (randomised trial) (Bos and de Korte 6 Com), (Tyring et al 29); Genetics and pharmacogenetics (Ebmeier et al 154 S); Long-term treatment, adherence concerns, and causes of non-compliance (Mitchell 2041 Com); Recent developments and current controversies (Ebmeier et al 153 S), (Carroll 1235 C), (Summerfield 1235 C), (Bolwig 1236 C), (Haldipur 1236 C), (Maio 1237 C); Treatments (Ebmeier et al 158 S) *See also* Antidepressants; Bipolar disease

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Developed countries Poaching of nurses and health workers from developing countries (1791 E); *Progress for Children* report (UNICEF) and childhood malnutrition (1459 E)

Developing countries CAFOD's report on gold mining (1630 E); Doha trade talks, warning over, impasse, and need to improve benefits for (1460 E); Health care worker shortage for global health programme delivery (1117 E); Health statistics improvements needed and role of Health Metrics Network, Ellison Institute for World Health and WHO (Bchir et al 192 Com), (Lazo et al 985 C); HIV infection prevention and community engagement (Newman 302 C); Implementing right to child protection (Onyango and Lynch 693 Es); New global grand challenge for public health over use of knowledge to improve health systems (Pang et al 284 Com); Pneumococcal vaccination to prevent acute otitis media (Levine et al 1880 Com), (Arguedas and Soley 1897 C), (Marchetti et al 1897 C), (Prymula and Schuerman 1898 C); *Progress for Children* report (UNICEF) and childhood malnutrition (1459 E); Progress in improving tuberculosis diagnostics (Perkins et al 942 Es); Public-health initiatives via networks of existing institutions (White et al 1301 Com); Road-traffic injuries burden and "epidemic" (Ameratunga et al 1533 R), (1954 E); Scaling up antiretroviral treatment in resource-poor settings (Harries et al 1870 V); Warning from WHO on influenza pandemic preparations (875 E); WHO analysis of causes of maternal death (systematic review) (Khan et al 1066)

Diabetes Control and Complications Trial (DCCT) Type 1 diabetes management (Daneman 849 S)
Diabetes mellitus Advertising feature (Diabetes insights) (Hirst 568 C); Apparent poor control and weight gain due to decimal point error (Wiesner et al 1485 C); Effect of adjuvant therapy on development in mouse and man (1240 correction); Inhaled insulin (Exubera) appraisal document from NICE but patient choice considerations (1372 E); Mandatory monitoring of HbA_{1c} in New York City (183 E); Profile of Jovanovic L (Sutherland and Mølsted-Pedersen 1484 C); Registry-based initiative in US (183 E); World Diabetes Day and call for papers for *The Lancet* (Jeffcoate and Williams 1226 Com)
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Falls In elderly people and mnemonic for key findings (de Moraes Barros 729 C)
Familial Mediterranean fever In Arabs (El-Shanti et al 1016 R); Genetics (El-Shanti et al 1017 R)
Families Confidentiality of medical information and pressures for sharing (Rogers 553 Com); Observation of DOTS *vs* community DOTS for tuberculosis control in Nepal (randomised trial) (Garner and Volmink 878 Com), (Newell et al 903), (Frieden and Sbarbaro 2055 C), (Mohapatra and Janmeja 2055 C), (Newell et al 2055 C)
Family planning Integration with HIV/AIDS (27 correction); Law and improvements in Guatemala (Roberts 1227 Com)
Famines Expanding geography, recurrence, Millennium Development Goal and need for long-term strategies (876 E), (Jimba et al 1729 C); As national disaster after drought in Kenya (Wakabi 891 WR)
Farnesol X Actions, inducers of and cholestasis treatment (Chen and Raymond 454 Com)
Fatigue Etanercept effect in psoriasis (randomised trial) (Bos and de Korte 6 Com), (Tyring et al 29)
Feachem R Retirement from Global Fund and achievements (960 E)
Febrile seizures (Guerrini 511 S)
Female genital mutilation Obstetric outcome, WHO study (Eke and Nkanginieme 1799 Com), (WHO study group on female genital mutilation and obstetric outcome 1835)
Female virginity Surgical reconstruction in Guatemala (Roberts 1227 Com)
Fenofibrate Effect on cardiovascular events in type 2 diabetes (FIELD study) (Föger 1141 C), (Sirtori 1141 C), (Keech et al 1142 C)
Fentanyl Procedural sedation and analgesia in children (Krauss and Green 774 R)
Fertility After testicular germ-cell cancer (Horwich et al 757 S)
Fibrinolysis Q waves in myocardial infarct leads accompanying ST-segment elevation and increased mortality indicating need for aggressive reperfusion (analysis from HERO-2) (Cooper and Panza 2035 Com), (Wong et al 2061)
Fibrinolytic genes Polymorphisms and coronary disease risk (Ye et al 651), (Pernod et al 1729 C)
Field epidemiology training and allied programmes (FETPs) Global public-health initiatives (White et al 1301 Com)
FIELD study Fenofibrate effect on cardiovascular events in type 2 diabetes (Föger 1141 C), (Sirtori 1141 C), (Keech et al 1142 C)
Fiji Global Programme for the Elimination of Lymphatic Filariasis meeting (Molyneux 966 Com); Workshops to improve diagnosis of rheumatic heart disease and fatal case (Steer et al 2118 CR)
Filariasis Lymphatic *see* Lymphatic filariasis
Filoviruses Marburg virus and postexposure protection by recombinant vesicular stomatitis virus (Becker 1373 Com), (Daddario-DiCaprio et al 1399)
Fire-related injury Risks at the Hajj (Ahmed et al 1013 R)
Fitness Gym discounts planned in Austria (Glenn 1563 WR)
Floods Harben Lecture on climate change and human health (Haines et al 2101)
Flumazenil Procedural sedation and analgesia in children (Krauss and Green 776 R)
Fluoxetine EMEA authorisation for use in children and suicide risk concerns (1953 E)
Flushes, hot Endogenous opioid role in pathogenesis (Hanisch et al 92 Com)
Flushing Blushing as embarrassing condition, causes and treatment (Nicolaou et al 1297 Com), (Dijk and de Jong 2059 C)
Flutamide Fatal liver complications (Osculati and Castiglioni 1140 C)
Folic acid Effect on anomalies/disease risk (Eichholzer et al 1352 R), (Czeizel 2056 C), (Martínez-Frías 2056 C), (Mastroiacovo and Addis 2057 C); Neural tube defect prevention and cost/benefits of trials (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C); As public-health challenge (Eichholzer et al 1352 R), (Czeizel 2056 C), (Martínez-Frías 2056 C), (Mastroiacovo and Addis 2057 C); Recommendations for neural tube defect prevention (Eichholzer et al 1353 R); Role in increasing likelihood of twin births after IVF (Steinman 1461 Com), (Haggarty et al 1513); Safety considerations (Eichholzer et al 1356 R); Supplementation and cardiovascular disease (Stampfer et al 1237 C), (Davey Smith and Ebrahim 1238 C), (Spence 1238 C); Supplementation in malaria endemic region and adverse effects (randomised trial) (English and Snow 90 Com), (Sazawal et al 133), (302 correction), (de Benoist et al 816 C); Supplementation in malaria-free area of benefit (randomised trial) (English and Snow 90 Com), (Tielsch et al 144), (de Benoist et al 816 C)
Food Fortification, folic acid (Eichholzer et al 1354 R); Shortages in Niger and malnutrition prospects (Loewenberg 1474 Com) *See also* Diet; Nutrition
Food aid Politics of (Loewenberg 1474 Com)
Food and Drug Administration (FDA) Anniversary but need for change (McCarthy 1643 WR); Approval for thin-layer cervical cytology (Obwegeser and Schneider 88 Com), (Davey et al 122), (Biro et al 1481 C), (Imrie and Colquhoun 1481 C), (Sasieni et al 1481 C), (Boon 1482 C), (Davey et al 1482 C); Beta-2 agonists (β$_2$ agonists) warning and paediatric asthma (Bisgaard and Szefler 286 Com); Cervarix (HPV vaccine) to be submitted for approval (2034 E); Cervical cancer vaccine assessment (Biddlecom et al 1299 Com); Exubera (inhaled insulin) licensed (1372 E); Fluoxetine use in children and research needed on paediatric medicines (1953 E); Gardasil (HPV vaccine) approval (2034 E); Multivitamin/mineral supplements and need for regulations (1704 E); Profile of A von Eschenbach as new commissioner (McCarthy 1649 P); Refusal to make decision on emergency contraceptive application (1630 E); von Eschenbach as commissioner designate and need to make independent and tough decisions (1630 E), (McCarthy 1643 WR), (McCarthy 1649 P)
Foot Diabetic *see* Diabetic foot; Painful swollen, Charcot neuroarthropathy in HIV infection (Oh-Park et al 274 CR)
Football World Cup, goalkeepers and judging free kick trajectories (Sharp 1561 Com)
Formulary Paediatric and benefits of *BNFC* (Kendall and Mehta 281 Com)

Foundation for African Medicine and Education (FAME) Artress F and lunch with *The Lancet* article (McLellan 1569 P)
FOUR scale Coma assessment (Servadei 548 Com)
Fractures Risk assessment in osteoporosis (Sambrook and Cooper 2012 S)
Fraud/fabrication of data NSAIDs and oral cancer link and concerns over fabrication/manipulation of data (Horton 196 Com), (Horton 382 Com); As research crime (Qazi 649 C); Scientific, stem cell research in South Korea (1 E); Scientific misconduct continuum and errors, and new approach for prevention (Nylenna and Simonsen 1882 Com)
Frazer I Vaccine for HPV research (profile) (Pincock 21 P), (Rose et al 985 C), (Frazer and Cox 2058 C)
Free trade EU increase in alcohol consumption and deaths/morbidity associated (1875 E)
Frist B As Senate leader in US and disappointments over health progress *vs* political ambitions (Loewenberg 1967 WR)
Fruit and vegetables Increased consumption to reduce stroke risk (meta-analysis) (Steffen 278 Com), (He et al 320), (McKee et al 1056 C), (He et al 1656 C), (Taylor 1656 C)
Furuncle Nasal, necrotising pneumonia complicating (Laifer et al 1628 CR)
***Fusobacterium necrophorum* infection** Bacteraemia and septic arthritis but without pharyngeal involvement (Mehta and Aisenberg 1702 CR)

G

G8 nations Innovative financing for human development/immunisation and role of International Finance Facility (Lob-Levyt and Affolder 885 Com); Russia as leader in 2006 (Parfitt 197 WR); Summit in Russia, HIV epidemic and antiretroviral drug funding (1703 E)
Gait ataxia In VZV cerebellitis (Ratzka et al 182 CR)
Gardasil HPV vaccine approved by FDA and need for global distribution (2034 E)
Gartley C Personal account of life with incontinence (Gartley 68)
Gastritis *Helicobacter pylori* role, Nobel Prize and contribution of Japanese research (Crump 397 C)
Gastrointestinal endoscopy Gastro-oesophageal reflux disease diagnosis (Moayyedi and Talley 2089 S)
Gastrointestinal infections Deaths in English marshes between 16th and 19th centuries due to (Hutchinson and Lindsay 1947)
Gastrointestinal tract Functioning, outcomes assessment of parenteral nutrition in adults (Zaloga 1101 R)
Gastro-oesophageal reflux disease (Moayyedi and Talley 2086 S); Definitions/epidemiology/pathophysiology/diagnosis/complications and management (Moayyedi and Talley 2086 S)
Gates Foundation *see* Bill & Melinda Gates Foundation
GAVI Alliance Results and innovative financing for health improvements (Lob-Levyt and Affolder 885 Com)
Gaza Strip Medical professionalism (Jimba 648 C)
Gefitinib For refractory advanced non-small-cell lung cancer (Moriguchi et al 299 C), (Tsurutani et al 300 C)
GenBank Authors required to submit sequence data (Horton 1633 Com)
Gender imbalance Canadian petrochemical plants blamed for (Webster 462 WR); In Middle East and impact on medicine (959 E)
Gender inequality Zuma's acquittal of rape and effect on HIV education and (South Africa) (1629 E)
General Medical Council (GMC) Concerns over Fitness to Practice Panel's failure (over R Meadow) (Horton 625 Com), (Appleyard 1656 C); *Good medical practice* and medical professionalism (Braithwaite 645 C), (Green 646 C), (Jenkins 646 C); High Court decision overturning judgement over R Meadow (Horton 625 Com), (Appleyard 1656 C)
General Motors Health care costs in US affecting big businesses (Webster 101 WR)
General practitioners (GPs) Choice in health for patients (policy) and problems (85 E)
Genes Inflammatory bowel disease (Gaya et al 1271 R)
Genetic epidemiology Key concepts (27 correction)
Genetic polymorphisms Prothrombin gene, in coronary disease (Ye et al 651), (Pernod et al 1729 C); Severe mental illness and cardiac risks (Ho and Rumsfeld 1469 Com)
Genetics Adult epilepsy (Duncan et al 1089 S); Depression (Ebmeier et al 154 S); Epilepsy in children (Guerrini 502 S); Familial Mediterranean fever (El-Shanti et al 1017 R); Gastro-oesophageal reflux disease (Moayyedi and Talley 2088 S); Inflammatory bowel disease (Gaya et al 1271 R); Male breast cancer (Fentiman et al 595 S), (1818 correction); Persistent postsurgical pain (Kehlet et al 1621 R)
Genome Of pathogens, importance of knowing and MRSA research to reduce spread (704 E); USA300 strain of MRSA (704 E), (Enright 705 Com), (Diep et al 731)
Georgia Abkhazia republic's health care problems (Parfitt 1043 WR)
Germany Apparent reluctance to incorporate 2003 EU Tobacco Advertising Directive (1292 E); Doctor exchange scheme with United Arab Emirates (959 E); Doctors' protest over paperwork and bureaucracy and new microchipped health cards (Hyde 1717 WR); Doctors' strike and health reforms cause further anger, and poor hourly rates (Chapman 1229 WR); Glucose units confusion and apparent poor control and weight gain due to (Wiesner et al 1485 C)
Gestures Hand, cultural significance, meanings, and value in teaching (Watts 1383 Com)
Gilmore I New President of Royal College of Physicians (Audrey 1895 P)
Glasgow Coma Scale FOUR scale comparison (Servadei 548 Com)
GlaxoSmithKline (GSK) Aplaviroc (R5 inhibitor) trial terminated owing to hepatotoxicity in antiretroviral-naive HIV patients (Deeks 711 Com); Cervarix (HPV vaccine) to be submitted to FDA for approval (2034 E)
GlaxoSmithKline (GSK) Clinical Trial Register Summaries of clinical trials of marketed drugs (Rockhold and Krall 1635 Com)
Global Alliance on Vaccines and Immunization (GAVI) Investments to improve immunisation coverage (Horton 3 Com)
Global Appeal on R&D for Neglected Diseases Research *vs* treatment issues (448 E)
Global burden of disease And risk factors 2001, systematic analysis of population data (Lopez et al 1747)
Global climate change Atmospheric increase in CO_2 release, tree growth and methane generation concerns (Watts 715 Com); Harben Lecture on (Haines et al 2101); Health, sustainable development agenda and co-publishing of Harben Lecture by *The Lancet* and *Public Health* (Sim and Mackie 2039 Com); Human health and present/future risks (McMichael et al 859 R), (Derbyshire 1976 C), (McMichael et al 1976 C), (Kennedy 1977 C)
Global Corruption Report 2006 Corruption in health care (447 E)
Global Fund to Fight AIDS, Tuberculosis and Malaria (GFATM) Antiretroviral drug access (universal) by 2008 and Russia's epidemic and support for HIV control (1703 E); Executive Director (Feachem R) to stand down and achievements (960 E); Need for leader with political contacts (960 E); Product Red initiative (789 E)
Global-health partnerships Results and innovative financing for health improvements (Lob-Levyt and Affolder 885 Com)
Global Health Workforce Alliance Initiative to increase health workers in developing countries to reduce "poaching" (1791 E)
Global Immunization Vision and Strategy 2006-2015 (GIVS) (Bilous et al 1464 Com)
Globalisation Indigenous people and opportunities (Horton 1705 Com)
Global Outbreak Allergy and Response Network Taiwan and avian influenza (Chan and Tsai 1901 C)
Global Plan to Stop TB As opportunity to address poverty and Millennium Development Goals (Squire et al 955 Es)
Global Polio Eradication Initiative (GPEI) Pandemic influenza surveillance by poliomyelitis surveillance officers (Heymann and Aylward 1462 Com)
Global Programme for the Elimination of Lymphatic Filariasis Recommended drugs in various regions (Molyneux 966 Com)
Global public-health surveillance system Political constraints but progress (McKee and Atun 1224 Com), (Chan and Tsai 1901 C)
Glucose Metabolism in tumorigenesis (Ashrafian 618 H); Units, apparent poor control and weight gain due to decimal point error (Wiesner et al 1485 C)
Glycaemic control Apparent poor control and weight gain due to decimal point error (Wiesner et al 1485 C)
Glycoprotein GPIa Polymorphisms and coronary disease risk (Ye et al 651), (Pernod et al 1729 C)
Glycoprotein GPIII Polymorphisms and coronary disease risk (Ye et al 651), (Pernod et al 1729 C)
Goal-attaining scaling (GAS) Outcome assessment in individually-tailored interventions (Boothroyd and Banks 801 Com)
Golden Rules For gold retailers (1630 E)
Gold mining CAFOD's report and Golden Rules for retailers (1630 E)
Go Red for Women To raise awareness of heart disease in women (Butcher 561 P)
Gout Intestinal perforation associated and presenting with acute abdomen, arthritis, impaired wound healing, and back pain (Härle et al 2032 CR)
Graffi A Obituary (Stafford 980)
Gratz N G Obituary (Oransky 296)
Greece Smoking prevalence and myth (Vardavas and Kafatos 1485 C)
Greenfield D Obituary (Pincock 22)
Griffiths inquiry (Southall and Samuels 1033 Com), (Griffiths 1037 Com); CNEP trial scrutiny and recommendations (1030 E); Harmful effects (Southall and Samuels 1033 Com) *See also* CNEP trial
Grossman hypothesis In mitral regurgitation (Opie et al 361)
Guantanamo Bay Forcefeeding and restraint of hunger strikers (Nicholl et al 811 C)
Guatemala Family planning law (Roberts 1227 Com); Surgical reconstruction of virginity (Roberts 1227 Com)
Guillain-Barré syndrome HIV infection, differential diagnosis and autoimmune pathogenesis (Chaudhuri 472 C), (Kashyap et al 472 C), (Saxena 472 C), (Hughes and Cornblath 473 C); Or extruded lumbar disc and need to deviate from Occam's principle of parsimony (Neira et al 540 CR)
Gulf War syndrome Iraq war syndrome comparison and symptom interpretation in military personnel after combat (Axelrod 1709 Com), (Hotopf et al 1731), (Horn et al 1742)
Gyms Discounts planned in Austria to improve citizens' fitness (Glenn 1563 WR)
Gynaecological oncology Subspecialty and outcome improvement in ovarian cancer surgery (Bristow and Berek 1558 Com)
Gynaecology surgeons Ovarian cancer surgery and outcome comparison with gynaecological oncologists (Bristow and Berek 1558 Com)
Gynaecomastia Male breast cancer risk factor (Fentiman et al 598 S)
Gypsies (Roma population) Health, infant mortality and longevity reduction (Sepkowitz 1707 Com)

H

Haematology Profile of McCulloch E (Harding 467 P)
Haematuria Microscopic, in infection of pulmonary valve (Tofaris and Wistow 622 CR)
Haemoglobin Glycosylated (HbA_{1c}), mandatory monitoring of diabetics in New York (183 E)
Haemoglobin disorders Children, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1203 PH)
Haemophagocytic lymphohistocytosis (HLH) Similar symptoms/mechanism in avian influenza H5N1 infection (Henter et al 870 H)
Haemophilia Viral disease in and concerns over emerging pathogens (Ludlam et al 252 R)
Haemophilus influenzae Acute otitis media prevention by pneumococcal capsular polysaccharide conjugation to protein D (randomised trial) (Prymula et al 740), (Levine et al 1880 Com), (Arguedas and Soley 1897 C), (Marchetti et al 1897 C), (Prymula and Schuerman 1898 C)
Haemorrhage WHO analysis of causes of maternal death (systematic review) (Khan et al 1066)
Hajj Health risks at (Ahmed et al 1008 R)
Hale V G Lifeline (1049 P)
Hand gestures Cultural significance, meanings and value in teaching (Watts 1383 Com)
Hand hygiene Muslim health-care workers and alcohol-based handrubs (Ahmed et al 1025 V)
Harben Lecture On climate change and human health (Haines et al 2101); On climate change and human health co-published by *The Lancet* and *Public Health* (Sim and Mackie 2039 Com)
Hawai'i *Kanaka Maoli* of, population and health issues (Anderson et al 1778)
HDL-cholesterol Low levels, management in coronary artery disease (Opie et al 73)

Headache Multiple and sharing of name and clinical features (Gomez-Alonso 1902 C)
Head injury Outcome trends and effects of neurosurgical care (816 correction)
Health Austria's plans for EU (2 E); In China, major concerns over human rights abuses and (1371 E); Choice in and reduction of health inequalities in UK (85 E); Concerns in military personnel after combat and symptom interpretation (Axelrod 1709 Com), (Hotopf et al 1731), (Horn et al 1742); Crisis in Central African Republic (Wakabi 1969 WR); In Democratic Republic of Congo after conflicts (Depoortere and Checchi 7 Com); Equity, Cochrane and Campbell Collaborations and global evidence repository (Tugwell et al 1128 Com); Gains resulting from clinical trials in NIH programme assessment (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C); Global, advancement and key messages from Disease Control Priorities Project (Laxminarayan et al 1193 PH); Global, stigma and (Keusch et al 525 Es), (Michels et al 538 Es); Global and regional burden of disease and risk factors (Lopez et al 1747); Global burden of road-traffic injuries (Ameratunga et al 1533 R), (1954 E); Global climate change and Harben Lecture (Haines et al 2101); Global climate change and present/future risks (McMichael et al 859 R), (Derbyshire 1976 C), (McMichael et al 1976 C), (Kennedy 1977 C); Global climate change impact and Harben Lecture co-published by *The Lancet* and *Public Health* (Sim and Mackie 2039 Com); Of homeless people to be tackled in New York (Harris Sharman 1719 WR); Indigenous people (Horton 1705 Com), (Stephens et al 2019); Indigenous people, performance measurement systems in Canada, Australia, and New Zealand (Smylie et al 2029 V); Inequalities *see* Health inequalities; International, stigma interventions and (Weiss and Ramakrishna 536 Es); R&D, global framework for essential R&D (Chirac and Torreele 1560 Com); Risks at the Hajj (Ahmed et al 1008 R); Of Roma population (Gypsies) (Sepkowitz 1707 Com); Statistics, Cuban experience (Lazo et al 985 C); Statistics, developing countries, improvements needed and role of Health Metrics Network, Ellison Institute for World Health and WHO (Bchir et al 192 Com), (Lazo et al 985 C); Of women trafficked for prostitution (1954 E); World Trade Organization role/status (Kimball 188 Com)
Health and social care NHS reforms and White Paper (UK) (Dickson and Dixon 1802 Com)
Health Bill (UK) Exemption of smoking in pubs removed from (184 E)
Health cards Microchipped in Germany and German doctors' protest over bureaucracy (Hyde 1717 WR)
Health care Abkhazia republic (Georgia's coast) (Parfitt 1043 WR); Corruption and costs (447 E); Costs in Japan and cuts to avoid financial problems later (McCurry 1385 WR); Costs in US (541 E), (Webster 639 WR), (1291 E); Costs in US affecting big businesses (Webster 101 WR), (Webster 639 WR); Delivery in Niger (Loewenberg 1476 Com); Delivery of quality services, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1193 PH); German doctors' protest over bureaucracy and microchipped health cards (Hyde 1717 WR); Market forces in US (541 E); New global grand challenge for public health over use of knowledge to improve health systems (Pang et al 284 Com); In New Orleans (US) (Zwillich 637 WR); Palestinian Authority (Devi 973 WR); Preconception, CDC's recommendations (1792 E); Reforms and use of efficient car manufacturing techniques in (McCarthy 290 WR); Reforms cause anger to Germany's striking doctors (Chapman 1229 WR); Reforms in China and need for community-based care (623 E), (Li et al 1397 C); Reforms in Massachusetts uncertain owing to costs (1291 E); Reforms in Romania (Ionescu 1307 WR), (Grigoriu 2059 C); Reforms in rural China and health inequalities tackled (Watts 1564 WR); Reforms in US, problems, high costs and health-savings accounts (541 E); Reforms needed in US, campaign (Webster 639 WR); Russia's system, HIV knowledge inadequacy and need for improvements after G8 meeting (1703 E); System improvement, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1207 PH)
Health care workers Call for minister to be sacked over health insurance reimbursement limits in Czech Republic (Krosnar 1046 WR); Migration affecting low-income countries and Africa and role of OECD (Pond and McPake 1448 PH); Muslim, and alcohol-based handrubs (Ahmed et al 1025 V); Naps and benefits (448 E); Praise for staff at hospitals despite criticisms, future "service failure" and closures (790 E); Retrial ordered for nurses/doctor imprisoned in Libya (Pancevski 292 WR); Shortage for global health programme delivery (1117 E); Shortages in developing countries and WHO initiative to increase numbers and reduce poaching (1791 E); Supply and demand in OECD countries (Pond and McPake 1448 PH); Within-country movement associated with donor aid, hindering Millennium Development Goals (Davey et al 629 Com)
Health education Programme of Assistance to the Palestinian People (PAPP) programme (959 E)
Health inequalities China's rural health reforms tackling (Watts 1564 WR); Cochrane and Campbell Collaborations to reduce, and global evidence repository (Tugwell et al 1128 Com); Effects of self-reported racial discrimination and deprivation on Māori health (Bhopal 1958 Com), (Harris et al 2005); Equity sought in Bangladesh over home-based *vs* facility-based childbirth (Edouard and Bernstein 279 Com), (Chowdhury et al 327); Indigenous people and (Horton 1705 Com); Measurement of progress to reduce disparities in UK and US (1876 E); Reduction as focus of choice in health policies in UK (85 E); UK Presidency of EU, raising profile but inadequate response (Wilkinson and Pickett 1126 Com)
Health insurance To be universal in Massachusetts but weakness of plan is cost (1291 E); Number not covered in US (541 E); Number not covered in US and impact on emergency services (2033 E); Reimbursement limits in Czech Republic and call for sacking of minister (Krosnar 1046 WR); Subsidising exercise for elderly people (Bréchat et al 1055 C)
Health Insurance Portability and Accountability Act (HIPAA) Privacy and public good relationship (275 E)
Health Metrics Network Health information and statistics improvements (Bchir et al 192 Com), (Lazo et al 985 C)
Health-saving accounts (HSAs) In USA (541 E)
Heart Heart of (superposition of left anterior artery and diagonal branch) (Schaer and Lüthy 1007 CP); Intra-cavity right ventricular metastasis (Hull and Usmani 424 CP) *See also entries beginning cardiac*
Heart disease Research priorities in sub-Saharan Africa need re-assessing and focus on non-ischaemic heart disease (Commerford and Mayosi 1884 Com) *See also* Cardiovascular disease; Coronary artery disease
Heart failure Compensated hypertrophy transition to and mechanisms (Opie et al 358); Congestive, risk, autologous stem-cell therapy focus (randomised trial) (Penn 87 Com)
Heart rate Impaired deceleration capacity as predictor of sudden cardiac death (Viskin 1639 Com), (Bauer et al 1674)
Heart transplantation Paediatric, lymphoproliferative disorders after (Webber et al 233)
Heat injury Risks at the Hajj (Ahmed et al 1013 R)
Heat waves Harben Lecture on climate change and human health (Haines et al 2101)
Helicobacter pylori Nobel Prize and contribution of Japanese research (Crump 397 C)
Helmintic infections Disease Control Priorities Project (DCPP) (Laxminarayan et al 1204 PH); Effect of albendazole in children on atopy prevalence and hygiene hypothesis implications (randomised trial) (Lau and Matricardi 1556 Com), (Cooper et al 1598); Soil-transmitted (Bethony et al 1521 S)
Heparin Prevention of venous thrombosis risk in air travel and coagulation activation mechanism (Stricker 792 Com), (Schreijer et al 832)
Hepatitis A Epidemiological shift and outbreaks (Rein et al 546 Com); Vaccine recommended for children worldwide (Rein et al 546 Com)
Hepatitis C After moxibustion and religious scarification (Bardia et al 1790 CR)
Hepatocellular carcinoma Hepatitis C associated, after moxibustion and religious scarification (Bardia et al 1790 CR)
Hepatotoxicity Aplaviroc (R5 inhibitor) (Deeks 711 Com)
Herceptin *see* Trastuzumab
Hereditary angioedema type 1 Presenting with acute abdominal pain (Persiani et al 1548 CR)
HERO-2 study Analysis, Q waves in myocardial infarct leads accompanying ST-segment elevation and increased mortality indicating need for aggressive reperfusion (Cooper and Panza 2035 Com), (Wong et al 2061)
Herodotus Nomadic existence of Scythe people supported by hookworm infection evidence (Crubézy et al 1520 CP)
Heroin use Decline in incidence in Switzerland and harm reduction policies (1792 E), (Hickman et al 1797 Com), (Nordt and Stohler 1830)
Hewson P (Bono) Product Red initiative to fight HIV/AIDS (789 E)
Highly active antiretroviral therapy (HAART) Concomitant use of antituberculous chemotherapy with, safety/effectiveness and outcomes (Harries et al 944 Es); Continuous *vs* CD4-guided structured interrupted antiretroviral treatment and effect on morbidity (randomised trial) (Deeks 1955 Com), (Danel et al 1981); Effectiveness, use in low- *vs* high-income countries and Product Red initiative (789 E); Mortality after first year in HIV infection, low-income *vs* high-income countries (Antiretroviral Therapy in Lower Income Countries (ART-LINC) Collaboration and ART Cohort Collaboration (ART-CC) Groups 817), (789 E), (1902 correction); Prognostic index for AIDS-associated Kaposi's sarcoma and (Stebbing et al 1495); Scaling up in rural Malawi (Ferradini et al 1335)
Hippocampal sclerosis Epilepsy in children and (Guerrini 504 S)
Hirsutism Fatal liver complications of flutamide (Osculati and Castiglioni 1140 C)
History Compulsory vaccination and conscientious/philosophical exemptions (Salmon et al 436 PH), (Broncz and Sebestyén 1144 C), (Smith 1575 C); Middle East (Pormann 971 Com) *See also* Medical history department
HIV infection Antiretroviral drugs shortage in Zimbabwe (anonymous 396 C); Antiretroviral effectiveness, Millennium Development Goal, and Product Red brand and new initiatives (789 E); Antiretroviral-naive patients, aplaviroc (R5 inhibitor) trial terminated owing to hepatotoxicity (Deeks 711 Com); Call for papers for International AIDS Conference (Horton and Butcher 382 Com); Catholic Church's view on condom use and new study commissioned by the Pope (1550 E); CD4-guided structured interrupted antiretroviral treatment *vs* continuous treatment and increased morbidity rates (randomised trial) (Deeks 1955 Com), (Danel et al 1981); Charcot neuroarthropathy (Oh-Park et al 274 CR); Coordination of control efforts and national AIDS commissions (England 1786 V); Co-trimoxazole prophylaxis with antiretroviral drugs and insecticide-treated bednets, effect on malaria frequency in Uganda (Mermin et al 1256); Effect of IL-2 therapy on CD4+ cells (Vento et al 93 Com), (Angus et al 1054 C), (Roca 1054 C); Family planning integration (27 correction); Incidence in African countries (Shelton et al 1120 Com); Incidence possibly declining and trends in young adults in India (Shelton et al 1120 Com), (Kumar et al 1164); Increased prevalence in India and need for control strategies (1876 E); Interruption therapy and role of parametric resonance in virological failure (Breban and Blower 1285 H); Kept secret from infected children by parents in Romania (Ionescu 1566 WR); Mandatory testing, informed consent and falling incidence? (1118 E); Mandatory testing *vs* opt-out testing system (1118 E); Mortality after antiretroviral therapy, low-income *vs* high-income countries (Antiretroviral Therapy in Lower Income Countries (ART-LINC) Collaboration and ART Cohort Collaboration (ART-CC) Groups 817), (789 E), (1902 correction); Mother-to-child transmission should be prevented but PEPFAR's strategy (1213 E), (Kamwi et al 1978 C); Prevention and community engagement (Newman 302 C); Prevention and control, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1199 PH); Prevention policy, PEPFAR's strategy and need to promote condoms as well as abstinence and faithfulness (1213 E), (Kamwi et al 1978 C); Retrial ordered for nurses/doctor imprisoned in Libya over infection of children (Pancevski 292 WR); Role in Guillain-Barré syndrome (Kashyap et al 472 C), (Hughes and Cornblath 473 C); Russian epidemic, antiretroviral drug availability and G8 meeting (1703 E); Salvage therapy, aplaviroc trial (Deeks 711 Com); Scaling-up assessments on global basis (Bennett et al 79 VP); Scaling up of HAART in rural district of Malawi (Ferradini et al 1335); Social consequences of antiretroviral drugs and preparing for unexpected futures of HIV-positive children (Domek 1367 V); South Africa and J Zuma's acquittal of rape and

damage to HIV education (1629 E); Transmission increase by 3 by 5 campaign (Behjati 396 C); Tuberculosis, concomitant use of antituberculous chemotherapy with antiretroviral drugs, safety/effectiveness and outcomes (Harries et al 944 Es); Tuberculosis epidemiology in Africa (Corbett et al 926 R), (Harries et al 1817 C), (1902 correction); Zinc supplementation in children (Green and Paton 814 C), (Moss et al 815 C) *See also* AIDS; Antiretroviral drugs

HLA matching Embryonic stem-cell line numbers (Rao and Auerbach 650 C)

Hodgkin's lymphoma Presenting with cholestasis, fever and weakness (Castel et al 1028 CR)

Homeless people Health issues to be tackled in New York (Harris Sharman 1719 WR)

Homocysteine In cerebral macroangiography and microangiopathy (1318 correction)

Homozygosity mapping Of disease-related genes and consanguinity effect (Teebi and El-Shanti 970 Com)

Hong Kong Avian influenza prevention (Chen 1240 C)

Hookworm infection Evidence for nomadic existence of Scythe people (Crubézy et al 1520 CP); Parasites/epidemiology/burden of disease/clinical features/diagnosis and treatment (Bethony et al 1521 S)

Hormone replacement therapy Osteoporosis management (Sambrook and Cooper 2014 S)

Hospital and Consultant Specialists Association (HCSA) Motion of support for medical secretaries (White and Perkins 1466 Com)

Hospitals Criticisms, future "service failure", closures yet praise for staff (790 E); Emergency medicine crisis in USA (2033 E); Loss of identity issues and confusion over two patients with same name and condition (Gomez-Alonso 1902 C); Quality of care for children in Kazakhstan, Republic of Moldova and Russia (Duke et al 919); Quality of care for Māori patients (New Zealand) (Davis et al 1920)

Hot flushes Endogenous opioid role in pathogenesis (Hanisch et al 92 Com)

House of Commons Health Select Committee Report and recommendations for curbing influence of pharmaceutical industry (Collier 97 Com)

HPV *see* Human papillomavirus (HPV)

Human African trypanosomiasis (HAT) *see* African trypanosomiasis

Humanitarian aid For famines, need for emergency food aid and long-term strategies (876 E), (Jimba et al 1729 C); Food for Niger (Loewenberg 1474 Com); Hindering Millennium Development Goals by within-country health professionals moves (Davey et al 629 Com); Needed for Democratic Republic of Congo, and mortality surveys (Depoortere and Checchi 7 Com), (Coghlan et al 44), (568 correction); USAID, Tobias R's appointment and concerns over plans to integrate aid with security goals and threats to (Bristol 1131 WR); US military incursions into aid work angers humanitarian groups and increases risks (Bristol 384 WR)

Humanitarian emergencies Children's rights during (Penrose and Takaki 698 Es); Mortality data interpretation (Woodruff 9 Com) *See also* Disasters

Humanitarian situation Crisis in Central African Republic (Wakabi 1969 WR); Deterioration in Palestinian Authority (Devi 973 WR)

Human papillomavirus (HPV) Bivalent L1 virus-like particle vaccine to HPV16 and HPV18 and sustained efficacy, follow-up (Harper et al 1247); Vaccine (Gardasil) approval, global distribution concerns and impact on abstinence education (2034 E); Vaccine research (Frazer and Cox 2058 C); Vaccine researcher (Frazer I - profile) (Pincock 21 P), (Rose et al 985 C), (Frazer and Cox 2058 C); Vaccine review by FDA and need to reach adolescents in sub-Saharan Africa (Biddlecom et al 1299 Com)

Human resources For health, global crisis (1117 E)

Human rights Abuses in China, USA's silence and health concerns (1371 E)

Human Tissue Authority (HTA) Code of practice and licensing for autopsies (UK) (1460 E)

Hungary Compensation for vaccine injury (Broncz and Sebestyén 1144 C)

Hunger Famines and need for both emergency food aid and long-term strategies to reduce (876 E), (Jimba et al 1729 C) *See also* Famines

Hunger strikers Forcefeeding and restraint at Guantanamo Bay (Nicholl et al 811 C)

Hurricane Katrina Health care in New Orleans 6 months later (Zwillich 637 WR); Rebuilding Tulane and profile of Whelton P (Harding 643 P)

Hwang W S Stem cell research fraudulent (1 E)

Hygiene In Islam and Muslim health-care workers (Ahmed et al 1025 V); Poor, deaths in English marshes between 16th and 19th centuries due to (Hutchinson and Lindsay 1947)

Hygiene hypothesis Effect of albendazole for helminth infections on atopy prevalence in children and (randomised trial) (Lau and Matricardi 1556 Com), (Cooper et al 1598)

Hypercalciuria Genetics and kidney stone pathophysiology (Moe 338 S)

Hypercoagulation Deep venous thrombosis risk in air travel and coagulation activation mechanism (Stricker 792 Com), (Schreijer et al 832)

Hypercortisolaemia Biochemical diagnosis (Newell-Price et al 1607 S)

Hyperopia Laser eye surgery (Sakimoto et al 1432 R)

Hyperoxaluria Genetics and kidney stone pathophysiology (Moe 339 S)

Hypertension Ageing and (Kaplan and Opie 171); Beta-blocker treatment and trials (Cruickshank 208 C), (Khan and McAlister 208 C), (Ball 209 C), (Lindholm et al 210 C); Blood-pressure reduction targets (Kaplan and Opie 171); Causes (Kaplan and Opie 174); Controversies in (Kaplan and Opie 168), (Coca 1313 C), (He et al 1313 C), (Taggart 1313 C), (Reyes and Leary 1314 C), (Borja et al 1315 C), (Commerford et al 1315 C); Incidence/urbanisation and epidemiology (Kaplan and Opie 168); Lifestyle changes to reduce (Kaplan and Opie 169); Risk factor assessment (Kaplan and Opie 170); Therapy for specific complications (Kaplan and Opie 173); WHO analysis of causes of maternal death (systematic review) (Khan et al 1066) *See also* Blood pressure

Hyperuricosuria Genetics and kidney stone pathophysiology (Moe 339 S)

Hypocalcaemia Deterioration after intravenous calcium replacement therapy owing miscalculation (Stratta et al 273 UoE)

Hypochondria Historical keyword article (Bound 105 P)

Hypoglycaemia In type 1 diabetes (Daneman 852 S)

Hypothesis

Cytotoxic therapy for severe avian influenza A (H5N1) infection (Henter et al 870)

Metabolism in carcinogenesis and effect of glucose metabolism via AMP-activated protein kinase (AMPK) (Ashrafian 618)

Parametric resonance role in virological failure during HIV treatment interruption therapy (Breban and Blower 1285)

Hypothyroidism Presenting with anaemia and renal impairment (Phanish and Andrews 1212 CR)

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IBD1 locus Inflammatory bowel disease genes (Gaya et al 1272 R)

IBD3 locus And HLA genes (Gaya et al 1275 R)

IBD5 locus Inflammatory bowel disease and (Gaya et al 1276 R)

Ill-health Indigenous response in Latin America and the Caribbean (Montenegro and Stephens 1864)

Immune response Buruli ulcer (Wansbrough-Jones and Phillips 1853 S); To scabies parasite (Heukelbach and Feldmeier 1768 S)

Immunisation Compensation for vaccine injury in Hungary (Broncz and Sebestyén 1144 C); Compulsory vaccination and conscientious/philosophical exemptions (Salmon et al 436 PH), (Broncz and Sebestyén 1144 C), (Smith 1575 C); Global Immunization Vision and Strategy 2006-2015 (GIVS) (Bilous et al 1464 Com); Hepatitis A vaccine recommended for children worldwide (Rein et al 546 Com); Improved coverage reducing vaccine-preventable communicable disease in Bedouin population but need to measure coverage (Papania and Rodewald 965 Com), (Belmaker et al 987); Innovative financing and International Finance Facility (Lob-Levyt and Affolder 885 Com); International Finance Facility for (Lob-Levyt and Affolder 885 Com); Progress of programmes and future challenges (Bilous et al 1464 Com); Q fever (Parker et al 685 S); School-based programmes in sub-Saharan Africa (Biddlecom et al 1299 Com); Syphilis transmission by and use of calves to propagate vaccinia (historical) (Mortimer 1112), (Powell 1818 C) *See also specific vaccines*

Immunodeficiency Defective acute inflammation in Crohn's disease (Marks et al 668)

India AIDS in, police and public health worker clash (Chatterjee 805 WR); Child undernutrition (Gross and Webb 1209 V), (Müller and Becher 1978 C); Doctors' protest over caste quota plans for admission to state-funded professional colleges (Chatterjee 1892 WR); Factors affecting tobacco usage among young people (Reddy et al 589); HIV prevalence and infection patterns and need to improve strategies against HIV (1876 E); Low male-to-female sex ratio of children born (Sheth 185 Com), (Jha et al 211), (Bhat 1725 C), (George 1725 C), (Grover and Vijayvergiya 1726 C), (Bardia and Anand 1727 C), (Jha et al 1727 C), (Bhopal 1728 C), (Sumerville 1729 C), (1730 correction); Medical research (Srinivasan and Loff 1962 Com); Public Health Foundation of India, new private-public partnership to establish public health institutes (Chen 1800 Com); Trends in HIV infection incidence and possible decline (Shelton et al 1120 Com), (Kumar et al 1164)

Indian Council of Medical Research (ICMR) Ethical guidelines for biomedical research (Srinivasan and Loff 1962 Com)

Indigenous health series

Disappearing, displaced, and undervalued: a call to action for Indigenous health worldwide (Stephens et al 2019)

Health of Indigenous people in Africa (Ohenjo et al 1937)

Indigenous health in Australia, New Zealand, and the Pacific region (Anderson et al 1775)

Indigenous health in Latin America and the Caribbean (Montenegro and Stephens 1859)

The Lancet series (Horton 1705 Com), (Clark and Riska 1716 Com)

Indigenous people (Horton 1705 Com); Cancer diagnosis, treatment and survival in *vs* Indigenous non-Indigenous Australians (Valery et al 1842); Definition (Stephens et al 2019); Equity, health and UN Permanent Forum on Indigenous Issues (Horton 1705 Com); Health performance measurement systems in Canada, Australia and New Zealand (Smylie et al 2029 V)

Individually-tailored interventions Outcome assessment (Boothroyd and Banks 801 Com)

Infanticide Female, in India (Sheth 185 Com), (Jha et al 211), (Bhat 1725 C), (George 1725 C), (Grover and Vijayvergiya 1726 C), (Bardia and Anand 1727 C), (Jha et al 1727 C), (Bhopal 1728 C), (Sumerville 1729 C), (1730 correction); Historical keywords article (Jackson 809 P)

Infantile spasms (Guerrini 509 S)

Infant mortality Patterns, trends and comparisons of Aboriginal with non-Aboriginal infants in western Australia (Freemantle et al 1758); In Roma population (Gypsies) (Sepkowitz 1707 Com) *See also* Neonatal mortality

Infants Iron status increased by delayed clamping of cord (Mercer and Erickson-Owens 1956 Com), (Chaparro et al 1997); Patterns, trends and mortality comparisons of Aboriginal with non-Aboriginal infants in western Australia (Freemantle et al 1758); Stillbirth rates and estimation in 190 countries (Stanton et al 1487); Suffocation, videotape surveillance (Craft and McIntosh 1035 Com)

Infections Acute, in community setting and risk of deep vein thrombosis or pulmonary embolism after (Smeeth et al 1075); Kidney stone pathogenesis (Moe 337 S); Polymyxins reintroduction for infections resistant to carbapenems (Falagas and Michalopoulos 633 Com) *See also specific infections*

Infectious diseases Absent from *The Lancet* chronic disease series (Hotez et al 563 C); Climate change and risks (McMichael et al 863 R); Emerging pathogens and concerns over in bleeding disorders (Ludlam et al 252 R); Harben Lecture on climate change and human health (Haines et al 2101); Health risks at the Hajj (Ahmed et al 1008 R); Sudden infant death syndrome risk factor and prevention (van Wouwe and HiraSing 277 Com); Vulture population decline and diclofenac association (Sharp 887 Com)

Infertility Mumps epididymitis causing (Wharton et al 702 CR); Psychosocial burden (Schmidt 379 Com)
Inflammation Defective acute, in Crohn's disease pathogenesis (Marks et al 668)
Inflammatory bowel disease Gene identification and genes involved (Gaya et al 1271 R)
Influenza 1918 virus, *The Lancet* research of the year (Butcher and Summerskill 636 Com); Antivirals for healthy adults (systematic review) (Jefferson et al 303), (Monto 1571 C), (Smith et al 1571 C), (Brasseur 1572 C), (Jefferson et al 1573 C), (2060 correction); Vaccine efficacy/effectiveness in elderly people (985 correction)
Influenza, H5N1 In China and reporting (1371 E); Containment of pandemic (875 E); Development of adenoviral-vector-based vaccine (Hoelscher et al 475); Global controls need to be scaled up (184 E); Global public-health surveillance system, political constraints but progress (McKee and Atun 1224 Com), (Chan and Tsai 1901 C); Human case report (Yu et al 84 CR); Human deaths in Turkey (184 E); Inactivated split-virion influenza A/Vietnam/1194/2005 (N5N1) vaccine safety/immunogenicity (randomised trial) (Sambhara and Poland 1636 Com), (Bresson et al 1657); *The Lancet*'s first Asia Forum and reappraisal of (1550 E); Pandemic preparations (Silverstein 1239 C); Pandemic preparedness and analysis of EU country plans (Shortridge 1374 Com), (Mounier-Jack and Coker 1405); Pandemic preparedness inadequate (Asia Forum) (1550 E); Prevention in Hong Kong (Chen 1240 C); Severe, cytotoxic therapy for (Henter et al 870 H); Surveillance by poliomyelitis surveillance officers (Heymann and Aylward 1462 Com) *See also* Avian influenza A
Informed consent CNEP trial scrutiny and recommendations (1030 E); HIV mandatory testing *vs* (1118 E) *See also* CNEP trial
Injecting drug use *see* Drug abuse
Injury prevention Disease Control Priorities Project (DCPP) (Laxminarayan et al 1206 PH)
Innate immunity Inflammatory bowel disease and genes associated (Gaya et al 1278 R)
Insecticide-treated bednets Co-trimoxazole prophylaxis with antiretroviral drugs and, effect on malaria frequency in HIV infected adults in Uganda (Mermin et al 1256); Distribution programme for Niger but concerns over low useage rates (Loewenberg 1473 WR)
Institute of Alcohol Studies (IAS) Economic/social/health impact of increased alcohol consumption (1875 E)
Institute of Medicine (IOM) Emergency medicine crisis in USA, report and recommendations (2033 E)
Insulin Advertising feature (Diabetes insights) (Hirst 568 C); Inhaled (Exubera) not supported by NICE but patient choice considerations (1372 E); Porcine, availability in UK (Hirst 568 C)
Insulin-like growth factor (IGF) Likelihood of twin births after IVF and (Steinman 1461 Com), (Haggarty et al 1513)
Intelligent design In evolution classes in US (2 E), (Johnson 984 C), (Baschetti 1975 C)
INTERHEART study Need to re-assess research agenda for heart disease in Africa (Commerford and Mayosi 1884 Com); Obesity and risk of myocardial infarction (Thum and Anker 1051 C), (Schneider et al 1052 C), (Kahn 1053 C), (Wilding and Finer 1053 C), (Yusuf 1054 C)
Interleukin-2 (IL-2) Therapy and effect on CD4+ cells in HIV infection (Vento et al 93 Com), (Angus et al 1054 C), (Roca 1054 C)
International Agency for Research on Cancer Monograph Working Group Carcinogenicity of tobacco and effect of all tobacco products (Boyle et al 1710 Com)
International Clinical Trials Day Goal for clinical trial awareness (Horton 1633 Com)
International Clinical Trials Registry Platform *see* Registry Platform
International Committee of Medical Journal Editors (ICMJE) Transparency in clinical trials and register of trials (Rockhold and Krall 1635 Com)
International Development Committee Doha trade talks, warning over, impasse, and need to improve benefits for developing countries (1460 E)
International Finance Facility (IFF) Introduction, support and role (Lob-Levyt and Affolder 885 Com)
International Planned Parenthood Foundation (IPPF) UK donation to safe Global Safe Abortion Programme (542 E)
International Scientific Council for Trypanosomiasis Research and Control Elimination programme for sleeping sickness to be launched (Barrett 1377 Com)
Internet Eye care via (teleophthalmology) (Fielder et al 300 C)
Intravascular catheter Candidaemia secondary to colonisation (Bal 728 C), (Kullberg et al 729 C)
In-vitro fertilisation (IVF) Likelihood of twin births modified by folic acid and B vitamins (Steinman 1461 Com), (Haggarty et al 1513); Psychosocial burden (Schmidt 379 Com)
Ionising radiation Health effects of diagnostic CT and need to reduce risks (Martin and Semelka 1712 Com)
Iraq war Health of UK service personnel and Iraq war syndrome possibility (Axelrod 1709 Com), (Hotopf et al 1731), (Horn et al 1742); US military casualties and UK statistical indifference to military casualties (Bird 713 Com), (Hodgetts 1393 C), (Seal 1393 C)
Iraq war syndrome Comparison with Gulf war syndrome and symptom interpretation in military personnel (Axelrod 1709 Com), (Hotopf et al 1731), (Horn et al 1742)
Irbesartan In ACTIVE-W trial of oral anticoagulants *vs* clopidogrel plus aspirin in stroke prevention in atrial fibrillation (Verheugt 1877 Com), (ACTIVE Writing Group on behalf of the ACTIVE Investigators 1903), (2060 correction)
Iron Status of neonates increased by delayed clamping of cord (Mercer and Erickson-Owens 1956 Com), (Chaparro et al 1997); Supplementation in malaria endemic region and adverse effects (randomised trial) (English and Snow 90 Com), (Sazawal et al 133), (302 correction), (de Benoist et al 816 C); Supplementation in malaria-free area of benefit (randomised trial) (English and Snow 90 Com), (Tielsch et al 144), (de Benoist et al 816 C)
Ischaemia of leg Severe, bypass *vs* angioplasty (Bradley and Kirker 1814 C), (Takagi et al 1814 C), (Bradbury 1815 C)
Ischaemic heart disease Alcohol consumption and window of benefit for light-to-moderate drinking (Beulens and Hendriks 902 C), (Jackson et al 902 C)
Islet-cell transplantation Type 1 diabetes management (Jeffcoate 795 Com)
Israel Improved immunisation coverage reducing vaccine-preventable communicable disease in Bedouin population but need to measure coverage (Negev region) (Papania and Rodewald 965 Com), (Belmaker et al 987)

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Jadesimi A Lifeline article (1391 P)
Japan 50th anniversary of Minamata and legal battles over damages (McCurry 99 WR); Campaign to curb number of suicides (McCurry 383 WR), (Crump 1143 C); Contribution of research and Nobel Prize (Crump 397 C); Efficient car manufacture techniques in adopted for US health care reforms (McCarthy 290 WR); First variant Creutzfeldt-Jakob disease (vCJD) case (Yamada et al 874 CR); Health cost cut to avoid financial problems and to limit future health spending (McCurry 1385 WR)
Japanese encephalitis virus (JEV) Concerns over occurrence in blood products (Ludlam et al 254 R)
Joint replacement Rationing affecting obese patients in UK (876 E)
Joseph Rowntree Foundation Report on drug consumption rooms (DCRs) to reduce drug-misuse deaths (1792 E)
Journalism Investigative, editors sacked from *Canadian Medical Association Journal* and concerns (704 E), (Webster 720 WR), (Vogel 1486 C) *See also* Medical editors; Medical publishers
Journal of the Royal Society of Medicine (JRSM) Achievements of Abbasi K as editor (Audrey 1233 P)
Jovanovic L Profile (Sutherland and Mølsted-Pedersen 1484 C)
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Kaiser Permanente NHS efficiency comparison by R Feachem (960 E)
***Kanaka Maoli* of Hawai'i** Population and health issues (Anderson et al 1778)
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Kazakhstan Quality of hospital care for children (Duke et al 919)
Kenya Bacteraemia incidence in children presenting to hospitals (Brent et al 482); Drought worst in decade and famine declared as national disaster (Wakabi 891 WR)
Ketamine Procedural sedation and analgesia in children (Krauss and Green 774 R)
Ketoacidosis Severe due to Atkins diet (Steffen and Nettleton 880 Com), (Chen et al 958 CR)
Ketosis Atkins diet causing and ketoacidosis due to (Steffen and Nettleton 880 Com), (Chen et al 958 CR)
Kidney stones Epidemiology/clinical features/genetics and prevention (Moe 333 S); Pathophysiology and management (Moe 333 S); Personal account (McCarthy 345)
Kochi A Profile as head of malaria at WHO (Boseley 1973 P)
Korea, South Stem cell research fraudulent (1 E)
Kuru Natural history, incubation time of over 50 years and lessons for vCJD epidemic (2034 E), (Collinge et al 2068)
Kuwait Millennium Development Goal progress (959 E)

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Laboratory tests Requesting in primary care, effect of enhanced feedback and brief educational reminder messages (randomised trial) (Thomas et al 1990)
Lactose Intake and ovarian cancer risk linked (Newcomb and Egan 797 Com)
The Lancet Chronic diseases series (correspondence) (Feeney and Kelly 563 C), (Hotez et al 563 C), (Malaviya et al 563 C), (Beaglehole et al 564 C), (Abubakari and Bhopal 565 C), (Liu 565 C), (Adil 566 C), (Adelman and Norris 566 C); Controversies in cardiology series (Opie 13 Com) *See also* Controversies in cardiology series ; Correspondence section (Mullan 1042 Com); European Respiratory Society congress and call for papers on asthma (Kleinert 716 Com); Global medicine and medical professionalism articles, and *Journal of the Royal Society of Medicine (JRSM)* relationship (Audrey 1233 P); Global mental health, call for papers (Patel et al 1471 Com); Harben Lecture on climate change and health co-published with *Public Health* (Sim and Mackie 2039 Com); Indigenous people series (Horton 1705 Com), (Clark and Riska 1716 Com); International fellowships for 2006 and 2007 (James et al 1966 Com); Maternal survival series and call for papers (Horton 554 Com); Middle East and health articles (Borthwick and Horton 961 Com); Neonatal Survival Series and follow-up after 1 year (Lawn et al 1541 V); Research and paper of the year (Butcher and Summerskill 636 Com); Thanks to peer reviewers (Kleinert 888 Com); Tuberculosis progress and essay series (Zumla and Mullan 877 Com); World Congress of Cardiology and call for papers for special issue (Ramsay and Spencer 1304 Com); World Diabetes Day and call for paper for (Jeffcoate and Williams 1226 Com)
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Language Challenges to sexual and reproductive health rights and Research Programme Consortium on Realising Sexual and Reproductive Health Rights in Africa (Crichton et al 2043 Com)
Laos Medical professionalism and National Medical Symposium (Gordon and Chu 1302 Com)
Laser eye surgery For refractive errors (Sakimoto et al 1432 R)
LASIK Laser surgery for refractive errors (Sakimoto et al 1436 R)
Latin America Indigenous demography and health (Montenegro and Stephens 1859); PLATINO study and COPD prevalence (Rennard and Vestbo 1216 Com), (1318 correction); WHO's global survey on maternal and perinatal health and caesarean section rates (Victora and Barros 1796 Com), (Villar et al 1819)
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Lead High levels in Peruvian mining town children, but balance between health and economics (Fraser 889 WR)
Lebanon Mental disorder prevalence and treatment (Mohit 968 Com), (Karam et al 1000)
Lee, J-w Obituary (Boseley 1812); Sudden death, legacy for WHO and some criticisms (Benkimoun 1806 WR); Tribute to Director-General of WHO after death from subdural haematoma (1704 E);

WHO progress under and corrections/issues to be addressed (Horton 1793 Com)
Left-ventricular ejection fraction (LVEF) Impaired heart rate deceleration capacity as predictor of sudden death after myocardial infarction (Viskin 1639 Com), (Bauer et al 1674)
Left-ventricular hypertrophy As adaptive or maladaptive response to increased pressure load (Opie et al 357); Pressure-induced *vs* volume-induced pathways (Opie et al 360)
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Leg pain Early symptom for diagnosis of meningococcal disease (Nascimento-Carvalho and Moreno-Carvalho 371 Com), (Thompson et al 397), (Kirkpatrick et al 1394 C), (Liverpool Meningococcal Research Group 1394 C), (Gupta and Chaha 1395 C), (Thompson et al 1395 C)
Leg weakness Extruded lumbar disc or Guillain-Barré syndrome (Neira et al 540 CR)
Leishmaniasis Disease Control Priorities Project (DCPP) (Laxminarayan et al 1204 PH); Sandflies and (Croft et al 112 C)
Leke R G F Lifeline (723 P)
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Lepromatous leprosy Presenting with generalised inflammatory skin disease 18 years after migration to Europe (Schmiedel et al 1458 CR)
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Lethal injection Protocol changes and refusal of anaesthetists to participate in US and need for abolition of execution (703 E), (McCarthy 717 WR)
Libya Retrial ordered for nurses/doctor imprisoned (Pancevski 292 WR)
Life expectancy Disparities in UK and US associated with social class, race and ethnicity and progress of strategies to reduce differences (1876 E); Gains resulting from clinical trials in NIH programme assessment (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C); Reduced in Roma population (Gypsies) (Sepkowitz 1707 Com)
Lifestyle Coronary artery disease management (Opie et al 72); To reduce hypertension (Kaplan and Opie 169)
Light Epilepsy in children stimulated by (Guerrini 508 S)
Lingual mucosa For urethral stricture repair (Waxman and Morey 1379 Com)
Liquid-based cervical cytology Conventional cervical cytology *vs* (systematic review) (Obwegeser and Schneider 88 Com), (Davey et al 122), (Biro et al 1481 C), (Imrie and Colquhoun 1481 C), (Sasieni et al 1481 C), (Boon 1482 C), (Davey et al 1482 C)
Literature Science relationship and schizophrenia (Crow 727 C)
Liver Fatal complications of flutamide (Osculati and Castiglioni 1140 C); Involvement in Q fever (Somasundaram et al 1116 CR)
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Liver disease Alcohol-related, recommendations and contraindications for liver transplantation (Bathgate et al 2045 Com)
Liver transplantation 3-month and 12-month mortality and predictive models for outcome (Burroughs et al 225), (Bird et al 1816 C), (Burroughs et al 1816 C); Recommendations and contraindications in alcohol-related liver disease (Bathgate et al 2045 Com)
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Lorazepam Intranasal, *vs* intramuscular paraldehyde for emergency management of seizures in children (randomised trial) (Goyal and Wiznitzer 1555 Com), (Ahmad et al 1591)
Low birthweight Risk increased by antioxidant supplementation to prevent pre-eclampsia (randomised trial) (Lindheimer and Sibai 1119 Com), (1144 correction), (Poston et al 1145)
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LPR5 Osteoporosis pathophysiology (Sambrook and Cooper 2012 S)
LSD Research, benefits *vs* harm (1214 E), (Neidpath 1980 C)
Lumbar disc Extruded or Guillain-Barré syndrome, and need to deviate from Occam's principle of parsimony (Neira et al 540 CR)
Lumbar pain Extruded lumbar disc or Guillain-Barré syndrome (Neira et al 540 CR)
Lung cancer Intra-cavity right-ventricular metastasis (Hull and Usmani 424 CP); Refractory advanced non-small-cell and gefitinib for (Moriguchi et al 299 C), (Tsurutani et al 300 C); Secret research on smoking behaviour and cigarette toxicity released by tobacco industry (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C); Small-cell, palliative care (Harding and Murtagh 474 C); Smoking link and costs/benefits of medical research (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C)
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Lymphoproliferative disorders After paediatric heart transplantation (Webber et al 233)

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Malaria Africa Malaria Day and allegations that World Bank reneged on funding and policy speech (1372 E); Co-trimoxazole prophylaxis with antiretroviral drugs and insecticide-treated bednets, effect on frequency in HIV infected adults in Uganda (Mermin et al 1256); Disease Control Priorities Project (DCPP) (Laxminarayan et al 1204 PH); In English marshes between 16th and 19th centuries (Hutchinson and Lindsay 1947); Falciparum, dihydroartemisinin-piperaquine *vs* artesunate-mefloquine (randomised trial) (Duffy and Mutabingwa 2037 Com), (Smithuis et al 2075); Insecticide-treated bednet distribution programme for Niger but concerns over low useage rates (Loewenberg 1473 WR); Iron and folic acid supplementation increasing risk of severe illness and death (randomised trial) (English and Snow 90 Com), (Sazawal et al 133), (302 correction), (de Benoist et al 816 C); Multidrug-resistant, dihydroartemisinin-piperaquine *vs* artesunate-mefloquine (randomised trial) (Duffy and Mutabingwa 2037 Com), (Smithuis et al 2075); Prevention, seasonal intermittent treatment with artesunate and sulfadoxine-pyrimethamine in children (randomised trial) (Cissé et al 659); Profile on Kochi A as head of malaria at WHO (Boseley 1973 P); Severe falciparum, quinine *vs* artesunate (Woodrow et al 110 C), (Toovey 111 C), (White et al 111 C), (1576 correction)
Malawi Scaling up antiretroviral treatment (Harries et al 1870 V); Scaling up of HAART in rural district (Ferradini et al 1335)
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Male breast cancer (Fentiman et al 595 S), (1818 correction); Epidemiology/risk factors/clinical features/histopathology and treatment (Fentiman et al 595 S), (1818 correction); Personal account (Samuelson 605)
Male contraception Rate/extent and modifiers of spermatogenic recovery (Liu et al 1412)
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Public health Alcohol consumption patterns in UK, alcohol policies and cirrhosis mortality increase (Room 10 Com), (Leon and McCambridge 52), (Leon and McCambridge 645 C), (650 correction), (Smith 1898 C), (Leon and McCambridge 1899 C), (Morrison et al 1899 C); Child health in regions of armed conflict (Zwi et al 1886 Com); Children's wellbeing awareness increased by drawings from children (396 correction); Compulsory vaccination and conscientious/philosophical exemptions (Salmon et al 436 PH), (Broncz and Sebestyén 1144 C), (Smith 1575 C); Concerns over emerging pathogens in blood products (Ludlam et al 252 R); Corruption in health care and (447 E); Economic/social/health impact of increased alcohol consumption associated with EU free trade rules (1875 E); Folic acid as challenge (Eichholzer et al 1352 R), (Czeizel 2056 C), (Martinez-Frías 2056 C), (Mastroiacovo and Addis 2057 C); Fruit and vegetable consumption and stroke risk reduction by (Steffen 278 Com), (He et al 320), (McKee et al 1056 C), (He et al 1656 C), (Taylor 1656 C); Global climate change and human health (Harben Lecture), co-published by *Public Health* and *The Lancet* (Sim and Mackie 2039 Com); Global health advancement and messages from Disease Control Priorities Project (Laxminarayan et al 1193); Global initiatives and networks of existing institutions for improved impact (White et al 1301 Com); Global surveillance system, political constraints and progress (McKee and Atun 1224 Com), (Chan and Tsai 1901 C); Harben Lecture on climate change and human health (Sim and Mackie 2039 Com), (Haines et al 2101); Health-care reforms in China and need for community-based care (623 E), (Li et al 1397 C); Home visit assessment, goal-attainment scaling and (Boothroyd and Banks 801 Com); Institutes to be established in India by Public Health Foundation of India (Chen 1800 Com); In Middle East and North Africa (MENA) region (Ayodeji Akala and El-Saharty 961 Com); New global grand challenge over use of knowledge (Pang et al 284 Com); Role of clinical pharmacology and therapeutics (CPT) (Maxwell and Webb 799 Com), (Breckenridge et al 1051 C); Smoking ban in public places in UK (184 E); Stigma implications (Link and Phelan 528 Es); Tuberculosis and HIV/AIDS and need for coordinated response in Africa (Corbett et al 930 R); Value of medical research and clinical trials on (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C)
Public Health Harben Lecture on climate change and health co-published with *The Lancet* (Sim and Mackie 2039 Com)

Public Health

Compulsory vaccination and conscientious/philosophical exemptions (Salmon et al 436)
Global health advancement and messages from Disease Control Priorities Project (Laxminarayan et al 1193)

Health migration crisis and role of OECD (Pond and McPake 1448)
Reform of drug control policy for palliative care in Romania (Mosoiu et al 2110)
Secret research on cigarette toxicity and smoking behaviour released by tobacco industry (Hammond et al 781)

Public Health Foundation of India New private-public partnership to establish public-health institutes (Chen 1800 Com)
Public-private partnerships (PPP) New drug development for African trypanosomiasis (Barrett 1377 Com); Public-Health Foundation of India opened to establish public-health institutes (Chen 1800 Com)
Pulmonary circulation Bronchopulmonary dysplasia and (Kinsella et al 1424 S)
Pulmonary embolism Risk after acute infection in community setting (Smeeth et al 1075); Septic, *Fusobacterium necrophorum* causing (Mehta and Aisenberg 1702 CR)
Pulmonary oedema Acute cardiogenic, non-invasive positive pressure ventilation (NIPPV) effect (meta-analysis) (Peter et al 1155)
Pulmonary valve Endocarditis presenting with rigors and microscopic haematuria (Tofaris and Wistow 622 CR)
Pygmies (central Africa) Health of (mortality/morbidity/HIV-1 and health care access) (Ohenjo et al 1937)

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Q fever (Parker et al 679 S); Microbiology/clinical features/diagnosis/management and epidemiology (Parker et al 679 S); Presenting with hepatic involvement and lumbosacral pain (Somasundaram et al 1116 CR)
Quality of life Etanercept effect in psoriasis (randomised trial) (Bos and de Korte 6 Com), (Tyring et al 29)
QuantiFERON-TB Commercial blood test for diagnosis of *Mycobacterium tuberculosis* infection (Ferrara et al 1328)
Quinine Artesunate *vs* for severe falciparum malaria (Woodrow et al 110 C), (Toovey 111 C), (White et al 111 C), (1576 correction)
Q waves In myocardial infarct leads accompanying ST-segment elevation and increased mortality indicating need for aggressive reperfusion (analysis from HERO-2) (Cooper and Panza 2035 Com), (Wong et al 2061)

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R5 inhibitors Development controversies and hepatotoxicity of aplaviroc and trial cessation in treatment-naive HIV infected patients (Deeks 711 Com)
Rabies Prevention by use of meloxicam to prevent vulture population decline (Sharp 887 Com)
Racial issues Stigma and in 20th century America (Wailoo 531 Es)
Racism Effects on Māori health and inequalities in New Zealand (Bhopal 1958 Com), (Harris et al 2005)
Radiation Health effects of diagnostic CT and need to reduce risks (Martin and Semelka 1712 Com); Male breast cancer risk factor (Fentiman et al 597 S)
Radiology Code of practice and responsibilities of radiologists (370 E), (Berlin 373 Com), (Garvey and Connolly 443 V); Delayed communication of results and radiologist's duties (370 E), (Berlin 373 Com), (Garvey and Connolly 443 V); Delays in communicating urgent medical problems and effects of problems on reputation (370 E); Radiological medication errors in US and concerns in UK (370 E)
Radiotherapy For early breast cancer, effects (EBCTCG) (Cserni 1652 C), (Promish et al 1652 C), (Kunkler et al 1653 C), (Darby et al 1654 C), (Verschraegen and Vinh-Hung 1654 C); Long-term efficacy of early *vs* delayed in astrocytoma and oligodendroglioma (1818 correction); Male breast cancer (Fentiman et al 599 S)
Raloxifene Breast cancer prevention trial (O'Regan 1382 Com); Osteoporosis management (Sambrook and Cooper 2015 S)
Randomised controlled trials (RCT) ACTIVE-W of oral anticoagulants *vs* clopidogrel plus aspirin and irbesartan for stroke prevention in atrial fibrillation (Verheugt 1877 Com), (ACTIVE Writing Group on behalf of the ACTIVE Investigators 1903), (2060 correction); Acute otitis media prevention by pneumococcal capsular polysaccharide conjugation to protein D (Prymula et al 740), (Levine et al 1880 Com), (Arguedas and Soley 1897 C), (Marchetti et al 1897 C), (Prymula and Schuerman 1898 C); Aminophylline in bradyasystolic cardiac arrest (Abu-Laban et al 1577); Amlodipine *vs* atenolol-based treatment in cardiovascular event prevention (ASCOT-BPLA) (Donzelli and Malliani 205 C), (Fuchs et al 205 C), (Duerden 206 C), (Goldstein 206 C), (Dahlöf et al 207 C); ASSENT-4 PCI, primary *vs* tenecteplase-facilitated percutaneous coronary intervention in ST-segment elevated myocardial infarction (Assessment of the Safety and Efficacy of a New Treatment Strategy with Percutaneous Coronary Intervention (ASSENT-4 PCI) Investigators 569), (Stone and Gersh 543 Com), (Keeley et al 579), (1656 correction), (Viswanathan 1813 C), (Van de Werf et al 1813 C); Avian influenza vaccine (phase I) (Sambhara and Poland 1636 Com), (Bresson et al 1657); Azathioprine monotherapy in atopic eczema and thiopurine methyltransferase activity (Meggitt et al 839); Beneficial effects of iron and folic acid supplementation in Nepal (malaria-free) (English and Snow 90 Com), (Tielsch et al 144), (de Benoist et al 816 C); CD4-guided structured interrupted *vs* continuous antiretroviral treatment in HIV infection and effect on morbidity (Deeks 1955 Com), (Danel et al 1981); Cholesterol-lowering therapy efficacy and safety (Abraha et al 469 C), (Law and Wald 469 C), (Baigent et al 470 C), (Farrar et al 471 C); COMMIT study, clopidogrel with metoprolol in myocardial infarction (Borja et al 811 C), (Bhala and Taggar 812 C), (Karthikeyan 812 C), (Chen et al 813 C); Cost-effectiveness in comparison to systematic review (Johnson et al 1319), (Glasziou et al 2057 C); Dihydroartemisinin-piperaquine *vs* artesunate-mefloquine in falciparum malaria (Duffy and Mutabingwa 2037 Com), (Smithuis et al 2075); Donepezil in severe Alzheimer's disease (Hogan 1031 Com), (Winblad et al 1057), (1980 correction); Effect of albendazole for helminth infections on atopy prevalence in children and hygiene hypothesis (Lau and Matricardi 1556 Com), (Cooper et al 1598); ESPRIT, dipyridamole with aspirin for secondary stroke prevention (Norrving 1638 Com), (ESPRIT Study Group 1665); Etanercept effect on quality of life, fatigue and depression in psoriasis (Bos and de Korte 6 Com), (Tyring et al 29); Family-member DOTS *vs* community DOTS for tuberculosis control in Nepal (Garner and Volmink 878 Com), (Newell et al 903), (Frieden and Sbarbaro 2055 C), (Mohapatra and Janmeja 2055 C), (Newell et al 2055 C); FIELD study and fenofibrate effect on cardiovascular events in type 2 diabetes (Föger 1141 C), (Sirtori 1141 C), (Keech et al 1142 C); Intranasal lorazepam *vs* intramuscular paraldehyde for emergency management of seizures in children (Goyal and Wiznitzer 1555 Com), (Ahmad et al 1591); Iron and folic acid supplementation increasing risk of severe malaria and death (English and Snow 90 Com), (Sazawal et al 133), (302 correction), (de Benoist et al 816 C); Laboratory test requesting in primary care and effect of enhanced feedback and brief educational reminder messages (Thomas et al 1990); Long-term efficacy of early *vs* delayed radiotherapy in astrocytoma and oligodendroglioma (1818 correction); Malaria prevention by seasonal intermittent treatment with artesunate and sulfadoxine-pyrimethamine in children (Cissé et al 659); Melphalan/prednisone with thalidomide *vs* melphalan/prednisone in multiple myeloma in elderly (Kumar 791 Com), (Palumbo et al 825), (Kusumi et al 1977 C), (Palumbo and Bringhen 1977 C); Neonatal respiratory distress syndrome after repeat exposure to corticosteroids (Montan and Arulkumaran 1878 Com), (Crowther et al 1913); PINE study, epidural steroids and local anaesthetics for postherpetic neuralgia prevention (Baron and Wasner 186 Com), (van Wijck et al 219); PROactive study of pioglitazone in diabetes (Goldstein 23 C), (Gæde et al 23 C), (Guillausseau 23 C), (Yudkin and Freemantle 24 C), (Holman et al 25 C), (Dormandy et al 26 C), (PROactive Study Executive Committee and Data and Safety Monitoring Committee 982 C); Topical application of chlorhexidine to umbilical cord to prevent omphalitis and neonatal mortality in Nepal (Mullany et al 910); VIP trial, antioxidant supplements in women at risk of pre-eclampsia (Lindheimer and Sibai 1119 Com), (1144 correction), (Poston et al 1145) *See also* Clinical trials
RANKL Osteoporosis pathophysiology (Sambrook and Cooper 2012 S)
Ransome-Kuti B Obituary (Pincock 810)
Rape Acquittal of J Zuma (South Africa) but damage to HIV education and gender equality (1629 E); Numbers in South Africa (1629 E); South African trial for former deputy president (Kapp 718 WR)
Rasburicase Urate-induced intestinal perforation management and cost consideration (Härle et al 2032 CR)
Raviglione M C Lifeline (895 P)
Refractive errors Laser eye surgery (Sakimoto et al 1432 R)
Registration of clinical trials *see* Registry Platform (for clinical trials)
Registry Platform (for clinical trials) Establishment, progress, process, minimum dataset, and delayed disclosure (Sim et al 1631 Com); Partners (Horton 1633 Com); Protection of patients and advancing trust (Horton 1633 Com) *See also* Clinical trials
Reiter's syndrome Dissociation of name from disease (Jeffcoate 1296 Com)
Relationships Quality, biological relationships and predator-prey, whale fall, symbiosis and *Ciona* and bacterial genes (Watts 459 Com)
Religious scarification Hepatitis C and hepatocellular carcinoma after (Bardia et al 1790 CR)
Renal impairment Hypothyroidism presenting with (Phanish and Andrews 1212 CR)
Renin-angiotensin system inhibitors Renoprotective effects (Adler et al 897 C), (Parving and Rossing 898 C), (de Zeeuw et al 899 C), (Casas et al 900 C), (Mann et al 900 C)
Renoprotective effects Renin-angiotensin system inhibitors (Adler et al 897 C), (Parving and Rossing 898 C), (de Zeeuw et al 899 C), (Casas et al 900 C), (Mann et al 900 C)
Reperfusion injury Protection of heart after myocardial infarction by postconditioning (Yellon and Opie 456 Com)
Reproductive health Disease Control Priorities Project (DCPP) (Laxminarayan et al 1204 PH); Rights, challenges and Research Programme Consortium on Realising Sexual and Reproductive Health Rights (in Africa) (Crichton et al 2043 Com)
"Reproductive life plan" CDC's recommendation for preconception health care (1792 E)
Research Careers and reversing decline in academic medicine (Sheridan 1698 V); Medical education, funding, debate, and recognition difficulties (Davis and Ponnamperuma 377 Com); Misconduct allegations in CNEP trial *see* CNEP trial; Need for specialist function for investigation of misconduct allegations (Hey and Chalmers 1032 Com), (Griffiths 1037 Com); New NHS research strategy (UK) (Warlow 12 Com); Priorities in tuberculosis (Onyebujoh et al 940 Es); On psychedelic drugs (1214 E), (Neidpath 1980 C); Stem cell research in South Korea fraudulent but need for improved research environment (1 E); Stigma and global health (Keusch et al 525 Es); Stigma interventions and (Weiss and Ramakrishna 536 Es) *See also* Clinical research; Medical research
Research and development (R&D) Health, global framework on essential R&D (Chirac and Torreele 1560 Com)
Researchers In Canada, launch of open-access journal after *CMAJ* crisis over editors' sacking (Webster 1133 WR)
Research Programme Consortium on Realising Sexual and Reproductive Health Rights Challenges to sexual and reproductive health rights in Africa (Crichton et al 2043 Com)
Resource-poor settings Scaling up antiretroviral treatment (Harries et al 1870 V) *See also* Developing countries
Respiratory disease Environmental influences on child health (369 E)
Respiratory distress In fatal rheumatic heart disease and workshops to improve diagnosis in Fiji (Steer et al 2118 CR)
Respiratory distress syndrome CNEP trial scrutiny and recommendations (1030 E) *See also* CNEP trial; Neonatal, after repeat exposure to antenatal corticosteroids (randomised trial) (Montan and Arulkumaran 1878 Com), (Crowther et al 1913)

Respiratory tract infections Acute, risk of deep vein thrombosis or pulmonary embolism after (Smeeth et al 1075); Adult cystic fibrosis presenting with recurrent non-tuberculous mycobacterial infections (Chbeir et al 1952 CR); Children, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1202 PH); Health risks at the Hajj (Ahmed et al 1009 R)
Resuscitation New guidelines published by European Resuscitation Council (Parfitt 283 Com)
Retained organ scandal Autopsy regulations and licensing in UK after (1460 E)
Retroperitoneal fibrosis (Vaglio et al 241 S); Epidemiology/diagnosis/pathogenesis/pathology/clinical features/investigations and management (Vaglio et al 241 S)
Return of spontaneous circulation (ROSC) After aminophylline in bradyasystolic cardiac arrest (randomised trial) (Abu-Laban et al 1577)

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Aspirin resistance (Hankey and Eikelboom 606)
Astroparticle physics and cosmology (Mitton 1692)
Chronic fatigue syndrome (Prins et al 346)
Climate change and human health, present and future risks (McMichael et al 859)
Clinical perspectives of emerging pathogens in bleeding disorders (Ludlam et al 252)
Cory R and vaccine syphilis controversy (Mortimer 1112)
Familial Mediterranean fever in Arabs (El-Shanti et al 1016)
Folic acid and public health (Eichholzer et al 1352)
Health risks at the Hajj (Ahmed et al 1008)
Inflammatory bowel disease genes (Gaya et al 1271)
Laser eye surgery for refractive errors (Sakimoto et al 1432)
Parenteral nutrition in adults with functioning gastrointestinal tracts, outcome assessment (Zaloga 1101)
Persistent postsurgical pain, risk factors and prevention (Kehlet et al 1618)
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Road-traffic injuries and global-health burden (Ameratunga et al 1533)
Tuberculosis in sub-Saharan Africa, opportunities, challenges, and antiretroviral therapy era (Corbett et al 926)

Rheumatic fever In sub-Saharan Africa as research priority (Commerford and Mayosi 1884 Com)
Rheumatic heart disease Deaths in rural Ethiopia and prevention (Günther et al 391 C); With mitral and tricuspid valve thickening/tethering and presenting with severe pain and respiratory distress and workshops to improve rheumatic heart disease detection in Fiji (Steer et al 2118 CR)
Rheumatoid arthritis Tight control *vs* routine care (Vencovsky and Huizinga 450 Com); Treatment/care models and goal *vs* control via shared-care model or rheumatologist (Vencovsky and Huizinga 450 Com)
Right-ventricular metastasis Intra-cavity (Hull and Usmani 424 CP)
Rigors In infection of pulmonary valve (Tofaris and Wistow 622 CR)
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Rodan G Obituary (Oransky 644)
Roman Catholic Church Burundi, call for mandatory testing for HIV before marriage (1118 E)
Romani (Roma population) Health, infant mortality and longevity reduction (Sepkowitz 1707 Com)
Romania Drug control policy reformed for palliative care (Riley and Ross 2040 Com), (Mosoiu et al 2110 PH); Health reforms and targeting of corruption (Ionescu 1307 WR), (Grigoriu 2059 C); HIV infection kept secret from infected children by parents (Ionescu 1566 WR)
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Root R K Obituary (Oransky 1570)
Royal College of Physicians Election of President (Audrey 895 P); New President elected (I Gilmore) (Audrey 1895 P); Report on future of medical professionalism (1029 E), (Winyard 1483 C); Working Party on medical professionalism (Braithwaite 645 C), (Green 646 C), (Jenkins 646 C), (Goodman 647 C)
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Royal Colleges (UK) Advanced-care practitioners' role and concerns (Armitage 375 Com); Leadership problems and publicity and political correctness (Audrey 1723 P)
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Royal Pharmaceutical Society Conscientious objection to emergency contraception dispensing (Balmer 1980 C)
Royal Society of Medicine Abbasi K's achievements as editor of *Journal of the Royal Society of Medicine (JRSM)* (Audrey 1233 P)
Russia Alcohol-related deaths and stint as leader of G8 nations (Parfitt 197 WR); Health care system and HIV knowledge inadequacy (1703 E); HIV epidemic, antiretroviral drug availability and G8 meeting (1703 E); Quality of hospital care for children (Duke et al 919)

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San (southern African Indigenous people) Health of (mortality/morbidity/HIV-1) (Ohenjo et al 1941)
Sandflies Leishmaniasis and (Croft et al 112 C)
Sarcoptes scabiei Lifecycle and transmission of scabies (Heukelbach and Feldmeier 1767 S)
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SARS China's outbreak and reaction (1371 E); Health risks at the Hajj (Ahmed et al 1012 R)
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Schatten G Involvement in stem cell research fraud (1 E)
Schepens C Obituary (Oransky 1974)
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Schizophrenia Cardiac risk management and (Ho and Rumsfeld 1469 Com); Disease Control Priorities Project (DCPP) (Laxminarayan et al 1205 PH); Risk associated with cannabis use (Hall 193 Com), (Macleod et al 1055 C), (1056 correction); Speciation and literature relationship with science (Crow 727 C)
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Scientists Universal code of ethics, from UK's Council for Science and Technology (86 E)
Scleroderma Diffuse cutaneous (Charles et al 1684 S); Limited cutaneous (Charles et al 1684 S)
Scotland Alcohol consumption patterns and cirrhosis mortality increase (Room 10 Com), (Leon and McCambridge 52), (Leon and McCambridge 645 C), (650 correction), (Smith 1898 C), (Leon and McCambridge 1899 C), (Morrison et al 1899 C)
Screening Amblyopia (Holmes and Clarke 1344 S)
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Sedation Procedural, in children (Krauss and Green 766 R), (Badina et al 1900 C), (Krauss and Green 1901 C)
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Selective oestrogen-receptor modulators Osteoporosis management (Sambrook and Cooper 2015 S)
Selective serotonin reuptake inhibitors (SSRIs) Authorisation for fluoxetine use in children and suicide risk concerns (1953 E); Digitalis intoxication induced by paroxetine co-administration (Yasui-Furukori and Kaneko 788 CR); Effect on suicide risk and conflicting claims (Hall 1959 Com)

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Adult epilepsy (Duncan et al 1087)
Amblyopia (Holmes and Clarke 1343)
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Male breast cancer (Fentiman et al 595), (1818 correction)
Mild cognitive impairment (Gauthier et al 1262)
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Q fever (Parker et al 679)
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Scabies (Heukelbach and Feldmeier 1767)
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Soil-transmitted helminth infections (ascariasis, trichuriasis, and hookworm) (Bethony et al 1521)
Systemic sclerosis and hypothesis-driven treatment strategies (Charles et al 1683)
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Seminoma Origin/epidemiology/molecular biology/pathology/presentation and staging and management (Horwich et al 754 S), (1398 correction); Staging (Horwich et al 758 S)
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Sexual behaviour PEPFAR's HIV prevention strategy but need to promote condoms as well as abstinence and faithfulness (1213 E), (Kamwi et al 1978 C); In Scotland, and support for "abstinence-plus" (790 E)
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Sexually transmitted infections Support in Scotland for "abstinence-plus" (790 E); Vaginal discharge algorithm, cultural implications, overtreatment, and need for new diagnostics (Trollope-Kumar and Guyatt 1380 Com)
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Shumway N Obituary (Oransky 896)
Signalling pathway Postconditioning for protection of heart in myocardial infarction (Yellon and Opie 456 Com)
Sildenafil As potential therapy for heart failure (Opie et al 359)
Singh R Winner of *The Lancet* International Fellowship for 2006 (James et al 1966 Com)
Sjögren's syndrome Annular erythema (de Winter et al 1604 CP)
Skin Abnormal colour, early symptom for diagnosis of meningococcal disease (Nascimento-Carvalho and Moreno-Carvalho 371 Com), (Thompson et al 397), (Kirkpatrick et al 1394 C), (Liverpool Meningococcal Research Group 1394 C), (Gupta and Chaha 1395 C), (Thompson et al 1395 C); Annular erythema in Sjögren's syndrome (de Winter et al 1604 CP); Generalised inflammatory lesions, lepromatous leprosy 18 years after migration to Europe (Schmiedel et al 1458 CR)
Skin infections Health risks at the Hajj (Ahmed et al 1011 R); *Mycobacterium ulcerans* causing acute necrotising dermatitis and granuloma formation (Millay et al 1874 CR)
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SMART study Beta-2 agonists (β, agonists) warning and implications for paediatric asthma (Bisgaard and Szefler 286 Com)
Smith R Contributions to *Journal of the Royal Society of Medicine (JRSM)* (Audrey 1233 P)
Smoking Behaviour and cigarette toxicity, release of secret research by tobacco industry (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C); Cessation, progress needed in Germany (1292 E); COPD underestimation and causes of death (Rennard and Vestbo 1216 Com); Disease Control Priorities Project (DCPP) (Laxminarayan et al 1207 PH); Factors affecting tobacco usage among young people in India (Reddy et al 589); Germany's apparent reluctance to incorporate 2003 EU Tobacco Advertising Directive (1292 E); Harm-minimisation debate and divisiveness (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C); Lung cancer link and costs/benefits of medical research (Blakemore and Davidson 1293 Com), (Johnston et al 1319), (Glasziou et al 2057 C); Mortality associated with all types of tobacco products, mature and immature epidemics and need for cancer institutes to lead tobacco control fight (Boyle et al 1710 Com); Prevalence in Germany (1292 E); Prevalence in Greece and smoking ban (Vardavas and Kafatos 1485 C); Public-health challenges in Middle East and North Africa (MENA) region and (Ayodeji Akala and El-Saharty 961 Com); WHO Framework Convention on Tobacco Control and full support of signatories needed (542 E) *See also* Cigarettes; Tobacco
Smoking ban In bars and restaurants in Spain (Loewenberg 464 WR), (Vardavas and Kafatos 1485 C); Exemption of pubs removed from Health Bill in UK (184 E); In Greece (Vardavas and Kafatos 1485 C); Total ban public places in UK (624 E)
Snuppy (cloned dog) Stem cell research found to be fraudulent (1 E)
Social issues Child health in regions of armed conflict (Zwi et al 1886 Com)
Society Changes needed to control obesity epidemic (1549 E)
Socioeconomic groups Deprived, effects on Māori health (New Zealand) (Bhopal 1958 Com), (Harris et al 2005); Health inequalities and UK (Wilkinson and Pickett 1126 Com); Sudden infant death syndrome risk factor and prevention (van Wouwe and HiraSing 277 Com), (Blair et al 314)
Sodium valproate Prenatal exposures to, facial features and anomalies (Perucca and Tomson 1467 Com)
Soil-transmitted helmintic infections (Bethony et al 1521 S)
Somatisation Joint responsibility of doctor and patient (Bensing and Verhaak 452 Com)
Songane F Appointment to Partnership for Maternal, Newborn, and Child Health (Horton 3 Com); Profile as champion of maternal and child health (Kapp 1137 P)
South Africa Antiretroviral registration problems (Ford and Darder 794 Com); HIV truth and reconciliation commission suggestion after Jacob Zuma's acquittal of rape (1629 E); Rape estimates (1629 E); Rape trial for former deputy president (Kapp 718 WR); Research injuries in clinical trials and moral duties (Cleaton-Jones et al 458 Com)
Southall D CNEP trial scrutiny and recommendations by Griffiths R (1030 E) *See also* CNEP trial
Southampton University Hospitals Trust Trainee doctors' mistake and responsibility for (1292 E)
South East Asian Quinine Artesunate Malaria Trial (SEAQUAMAT) (Woodrow et al 110 C), (Toovey 111 C), (White et al 111 C), (1576 correction)
South Korea Stem cell research fraudulent (1 E)
Spain Smoking ban in bars and restaurants (Loewenberg 464 WR), (Vardavas and Kafatos 1485 C); Smoking epidemic and need to stop young from smoking (Boyle et al 1710 Com)
Specialist nurses Advanced-care practitioners comparison (Armitage 375 Com)
Speedballing Drug treatment development (Johnson 1714 Com)
Spermatogenesis Rate/extent and modifiers of spermatogenic recovery after hormonal male contraception (Liu et al 1412)
Spinal cord Metastatic compression, surgical resection (Kunkler 109 C), (Koch and De Keyser 109 C), (Patchell et al 109 C)
Sports Sponsorship and health implications (Collin and MacKenzie 1964 Com)
Staemmler M Role in Nazi era (Woywodt et al 1362)
Stanley F Profile and recognition of complexity of childhood illnesses (Pincock 1811 P)
Staphylococcus aureus Infections and antibiotic resistance (Enright 705 Com); Meticillin-resistant *see* MRSA; Necrotising pneumonia complicating nasal furuncle (Laifer et al 1628 CR)
Starvation Metabolic acidosis induced by after Atkins diet (Steffen and Nettleton 880 Com), (Chen et al 958 CR)
Statins Efficacy and safety (Abraha et al 469 C), (Law and Wald 469 C), (Baigent et al 470 C), (Farrar et al 471 C); Indications for use in coronary artery disease (Opie et al 73); Sepsis reduction and prevention in cardiovascular disease (Merx and Weber 372 Com), (Hackman et al 413), (Cheng 1651 C), (Hackam and Redelmeier 1651 C)
Statistics, health Developing countries, improvements needed and role of Health Metrics Network, Ellison Institute for World Health and WHO (Bchir et al 192 Com), (Lazo et al 985 C)
Status epilepticus In children (Guerrini 511 S)
Stem cells Research in India (Srinivasan and Loff 1962 Com); Research uncovered as scientific fraud and need for improved research environment (1 E)
Stem-cell therapy Autologous, after acute myocardial infarction (randomised trial) (Penn 87 Com), (Janssens et al 113); Ventricular remodelling and (Opie et al 363)
Stents Types for coronary artery disease (Opie et al 74)
Steroids Diverticulum perforation due to (Kouyialis et al 83 UoE); Epidural, prevention of postherpetic neuralgia (PINE study) (Baron and Wasner 186 Com), (van Wijck et al 219)
Stigma Global health and (Keusch et al 525 Es), (Michels et al 538 Es); Interventions and research for international health (Weiss and Ramakrishna 536 Es); Law and (Burris 529 Es); Of mental illness (Jamison 533 Es), (Bawaskar 1396 C); Obstetric fistula and (Bangser 535 Es); Public health implications (Link and Phelan 528 Es); Race and disease in 20th century America (Wailoo 531 Es); Targets of, compounding effects, science and research (Keusch et al 525 Es)
Stillbirths Rates and estimation in 190 countries (Stanton et al 1487)
Stoke-on-Trent CNEP trial *see* CNEP trial
Stop TB Strategy (WHO's) Review (Raviglione and Uplekar 952 Es)
Storms Harben Lecture on climate change and human health (Haines et al 2101)
Streptococcus pneumoniae Acute otitis media prevention by pneumococcal capsular polysaccharide conjugation to protein D (randomised trial) (Prymula et al 740), (Levine et al 1880 Com), (Arguedas and Soley 1897 C), (Marchetti et al 1897 C), (Prymula and Schuerman 1898 C)
Streptokinase Q waves in myocardial infarct leads accompanying ST-segment elevation and increased mortality indicating need for aggressive reperfusion (analysis from HERO-2) (Cooper and Panza 2035 Com), (Wong et al 2061)
Stress Coronary artery disease management (Opie et al 72)
Stress incontinence Assessment and treatment in women (Norton and Brubaker 57 S)
String theory Astroparticle physics for physicians (Sharp 1641 Com), (Mitton 1692 R)
Stroke Acute, thalamic infarct presenting with memory disturbance and "flipped" vision (Samarasekera and Dorman 1290 CR); Prevention in atrial fibrillation by oral anticoagulants (warfarin) *vs* clopidogrel plus aspirin (ACTIVE W trial) (Verheugt 1877 Com), (ACTIVE Writing Group on behalf of the ACTIVE Investigators 1903), (2060 correction); Risk reduced by consumption of five portions/day of fruit/vegetables (Steffen 278 Com), (He et al 320), (McKee et al 1056 C), (He et al 1656 C), (Taylor 1656 C); Secondary, prevention by dipyridamole with aspirin (ESPRIT randomised trial) (Norrving 1638 Com), (ESPRIT Study Group 1665)
Strontium ranelate Osteoporosis management (Sambrook and Cooper 2016 S)
Structured treatment interruptions (STI) In HIV infection, and role of parametric resonance in virological failure (Breban and Blower 1285 H)
Study of Tamoxifen and Raloxifene (STAR) Raloxifene *vs* tamoxifen for breast cancer prevention (O'Regan 1382 Com)
Sudden cardiac death Prediction by deceleration capacity of heart rate *vs* prevention (Viskin 1639 Com), (Bauer et al 1674)
Sudden infant death syndrome (SIDS) Prevalence, risk factors, sleeping position and prevention (UK study) (van Wouwe and HiraSing 277 Com), (Blair et al 314)
Suicide Campaign to curb number in Japan (McCurry 383 WR), (Crump 1143 C); Effect of SSRIs on risk and conflicting results (Hall 1959 Com)
Suk H W Stem cell research fraudulent (1 E), (Johnson 984 C)
Sulfadoxine-pyrimethamine Malaria prevention by seasonal intermittent treatment in children (randomised trial) (Cissé et al 659)
Surgery Adult epilepsy (Duncan et al 1097 S); Aprotinin use, risks and complications associated, conflicting results and need for randomised trial (Sedrakyan et al 1376 Com); Conditions requiring, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1206 PH); For coronary artery disease (Opie et al 75); Cushing's syndrome (Newell-Price et al 1612 S); For early breast cancer, effects (EBCTCG) (Cserni 1652 C), (Promish et al 1652 C), (Kunkler et al 1653 C), (Darby et al 1654 C), (Verschraegen and Vinh-Hung 1654 C); For epilepsy in children (Guerrini 517 S); Gastro-oesophageal reflux disease management (Moayyedi and Talley 2095 S); Intimate, virginity reconstruction in Guatemala (Roberts 1227 Com); Joint replacement and effect of rationing on obese patients (UK) (876

E); Laser eye, for refractive errors (Sakimoto et al 1432 R); Male breast cancer (Fentiman et al 599 S); Neurosurgery effects on trends in head injury outcome (816 correction); Ovarian cancer, effect of gynaecological oncologists *vs* gynaecology surgeons on outcome (Bristow and Berek 1558 Com); Persistent pain after, risk factors and prevention (Kehlet et al 1618 R); Resection in metastatic spinal cord compression (Kunkler 109 C), (Koch and De Keyser 109 C), (Patchell et al 109 C); Urethral stricture management (Waxman and Morey 1379 Com); Urinary incontinence in women (Norton and Brubaker 63 S)

Surgical outcomes 3-month and 12-month mortality after liver transplants and predictive models for outcome (Burroughs et al 225), (Bird et al 1816 C), (Burroughs et al 1816 C)

Surgical professionalism In 21st century, training, specialisation, team communication (McCulloch 177 VP)

Sustainable development agenda Climate change, health and co-publishing of Harben Lecture by *The Lancet* and *Public Health* (Sim and Mackie 2039 Com)

Swiss Canopy Crane Project CO_2 release, tree growth increase but methane concerns (Watts 715 Com)

Switzerland Drug policy and heroin-substitution treatment programmes and drug consumption rooms (1792 E), (Hickman et al 1797 Com), (Nordt and Stohler 1830)

Sympathectomy Bilateral endoscopic transthoracic, for blushing (Nicolaou et al 1297 Com), (Dijk and de Jong 2059 C)

Symptoms Interpretation in military personnel after combat and Iraq war syndrome (Axelrod 1709 Com), (Hotopf et al 1731), (Horn et al 1742)

Syphilis Transmission by vaccines and use of calves to propagate vaccinia (historical) (Mortimer 1112), (Powell 1818 C)

Systematic review Antivirals for influenza in healthy adults (Jefferson et al 303), (Monto 1571 C), (Smith et al 1571 C), (Brasseur 1572 C), (Jefferson et al 1573 C), (2060 correction); Cost-effectiveness in comparison to randomised trials (Johnson et al 1319), (Glasziou et al 2057 C); Liquid-based *vs* conventional cervical cytology (Obwegeser and Schneider 88 Com), (Davey et al 122), (Biro et al 1481 C), (Imrie and Colquhoun 1481 C), (Sasieni et al 1481 C), (Boon 1482 C), (Davey et al 1482 C); Obstetric outcomes after conservative treatment of cervical intraepithelial neoplasia (Kyrgiou et al 489); Self-monitoring of oral anticoagulants (Heneghan et al 404); Value and defining updates (Moher and Tsertsvadze 881 Com), (Gray and Pearce-Smith 2058 C); WHO analysis of causes of maternal death (Khan et al 1066)

Systemic sclerosis Hypothesis-driven treatment strategies (Charles et al 1683 S); Pathogenesis and treatment (Charles et al 1683 S)

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Tachyphylaxis Aspirin resistance and (Hankey and Eikelboom 613 R)

Taiwan Global Outbreak Allergy and Response Network (Chan and Tsai 1901 C)

Tamoxifen Breast cancer prevention (O'Regan 1382 Com)

Tanzania Artress F and lunch with *The Lancet* article (McLellan 1569 P); Trachoma research (Lietman et al 395 C)

Taxotere as Adjuvant Chemotherapy (TACT) Participants need for study results (1030 E)

Taylor G A Obituary (Pincock 204)

T cells CD4+, effect of IL-2 therapy in HIV infection (Vento et al 93 Com), (Angus et al 1054 C), (Roca 1054 C); CD4+, threshold number of cells for IL-2 therapy administration (Vento et al 93), (Angus et al 1054 C), (Roca 1054 C)

Team communication In operating theatre (McCulloch 179 VP)

Teeth Dental caries, visual loss due to (474 correction)

TeGenero TGN1412 (anti-CD28 monoclonal antibody) and serious adverse events at clinical trial in London (960 E)(Self and Thompson 1038 Com) *See also* TGN1412 (anti-CD28 monoclonal antibody)

Teleophthalmology Internet-based eye care (Fielder et al 300 C)

Television Trial by media (*Panorama* programme) and clinical management of breast cancer in Bradford (Wright et al 1139 C)

Tenecteplase Facilitated percutaneous coronary intervention *vs* primary PCI in ST-segment elevated myocardial infarction (Assessment of the Safety and Efficacy of a New Treatment Strategy with Percutaneous Coronary Intervention (ASSENT-4 PCI) Investigators 569), (Stone and Gersh 543 Com), (Keeley et al 579), (1656 correction), (Viswanathan 1813 C), (Van de Werf et al 1813 C)

Tenofovir disoproxil fumarate Registration problems in Africa (Ford and Darder 794 Com)

Teratogenicity Antiepileptic drugs (Perucca and Tomson 1467 Com)

Teriparatide Osteoporosis management (Sambrook and Cooper 2015 S)

Testes Nonseminoma, management (Horwich et al 759 S)

Testicular germ-cell cancer (Horwich et al 754 S), (1398 correction); Origin/epidemiology/molecular biology/pathology/presentation and staging and management (Horwich et al 754 S)

TGN1412 (anti-CD28 monoclonal antibody) Changes to authorisation of phase I trials needed after adverse events (1214 E); Expert group to assess evidence after adverse events (1214 E); Media attitude and damage to scientific integrity (Horton 1633 Com); Serious adverse events at clinical trial in London (960 E); Therapeutic monoclonal antibody specificity concerns (Self and Thompson 1038 Com)

Thalamic infarcts Presenting with "flipped" vision, memory disturbance and behavioural changes (Samarasekera and Dorman 1290 CR)

Thiamine Supplementation needed in long-duration parenteral nutrition (Tattevin et al 368 CR)

Thiazide diuretics Kidney stone management (Moe 341 S)

Thiopental Procedural sedation and analgesia in children (Krauss and Green 773 R)

Thiopurine methyltransferase Azathioprine monotherapy in atopic eczema (Meggitt et al 839)

Thromboxane A_2 Production (Hankey and Eikelboom 612 R); Production, aspirin resistance and (Hankey and Eikelboom 606 R), (Violi and Pignatelli 2059 C)

Thyroid gland Atrophic, hypothyroidism presenting with anaemia and renal impairment (Phanish and Andrews 1212 CR)

Tissue-engineering Bladder for patients needing cystoplasty (Chung 1215 Com), (Atala et al 1241)

Tjalma's syndrome Pseudo-pseudo Meig's syndrome relationship (Tjalma 567 C)

TLR4 (Toll-like receptor 4) Inflammatory bowel disease and genes associated (Gaya et al 1278 R)

TLR5 (Toll-like receptor 5) Inflammatory bowel disease and genes associated (Gaya et al 1278 R)

Tobacco Disease Control Priorities Project (DCPP) (Laxminarayan et al 1207 PH); Factors affecting usage among young people in India (Reddy et al 589); Mortality associated with all types of products, mature and immature epidemics and need for cancer institutes to lead tobacco control fight (Boyle et al 1710 Com); Patterns of global use in young people and implications for future chronic disease (Warren et al 749); Sales banned in Bhutan (624 E) *See also* Cigarettes; Smoking

Tobacco industry Secret research on smoking behaviour and cigarette toxicity released (Chapman 706 Com), (Hammond et al 781), (Dixon and Massey 1317 C); Sport sponsorship reduced (Collin and MacKenzie 1964 Com)

Tobacco Manufacturer's Association Views on total smoking ban in public places in UK (624 E)

Tobias R Appointment and concerns over plans to integrate aid with security goals and threats to USAID's humanitarian aid (Bristol 1131 WR)

Tophi Intestinal perforation associated and presenting with acute abdomen, arthritis, impaired wound healing and back pain (Härle et al 2032 CR)

Topiramate For cocaine dependence treatment (Johnson 1714 Com)

Torres Strait Islanders Population and health issues (Anderson et al 1776)

Trachoma Control programme and field evaluation of dip-stick test (Taylor and Wright 1553 Com), (Michel et al 1585); Epidemiology and management (Taylor and Wright 1553 Com); Research in Tanzania (Lietman et al 395 C)

Trade negotiations Doha trade talks, warning over, impasse, and need to improve benefits for developing countries (1460 E)

Trade Related Aspects of Intellectual Property Rights Drug patent protection and HIV drugs (Kimball 188 Com)

Trafficking of women Health issues and increase over World Cup (1954 E)

Trainee doctors Responsibility for mistakes (1292 E)

Training Medical, in developing countries affected by donor aid and implications for Millennium Development Goals (Davey et al 629 Com); Surgical (McCulloch 177 VP) *See also* Medical education

Training in Epidemiology and Public Health and Interventions Network (TEPHINET) Public-health initiative potential (White et al 1301 Com)

Transparency International Corruption in health care (447 E)

Transplantation Illegal organ trading in Bulgaria (Pancevski 461 WR); Illegal sale of organs in China, reports (1371 E); Organ buying/selling to be illegal in China (1118 E) *See also specific organs and tissues*

Transport Road-traffic accident prevention (Ameratunga et al 1533 R)

Trastuzumab For early breast cancer and recurrence rate interpretation (Bryant and Geyer 728 C); For early breast cancer cautions (Smith et al 107 C), (Stuart et al 107 C), (Thorat 108 C)

Trauma Childhood, course of bipolar illness after (Leverich and Post 1040 Com); Costs of care in US and reduction of injury-related death (370 E); Risks at the Hajj (Ahmed et al 1012 R)

Trees Growth increase by environmental CO_2 but methane concerns (Watts 715 Com)

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Tricyclic antidepressants Depression article omitting (Bolwig 1236 C)

Trivacan ANRS 1269 trial CD4-guided structured interrupted *vs* continuous antiretroviral treatment in HIV infection and effect on morbidity (Deeks 1955 Com), (Danel et al 1981)

Tropical diseases Disease Control Priorities Project (DCPP) (Laxminarayan et al 1203 PH)

Trust in medicine *Panorama* programme and clinical management of breast cancer in Bradford (Wright et al 1139 C)

Truth commissions Results and limitations and East Timor experience (Silove et al 1222 Com)

Trypanosomiasis African *see* African trypanosomiasis

T-SPOT.TB Commercial blood test for diagnosis of *Mycobacterium tuberculosis* infection (Ferrara et al 1328)

Tsunami (Asian) Maldives struggle to reinstate water supplies (Chatterjee 18 WR); Post-tsunami boost to Asia's mental health care (Harris-Cheng 15 WR); Rebuilding and recovery progress (Harris-Cheng 15 WR)

Tuberculosis Bovine and role of badgers (Sharp 631 Com); Childhood, BCG vaccination as cost-effective intervention against (Novelli 1122 Com), (Bourdin Trunz et al 1173); Commercial blood tests for diagnosis of *Mycobacterium tuberculosis* infection (Ferrara et al 1328); Concomitant use of antiretroviral therapy with antituberculosis therapy, safety/effectiveness and outcomes (Harries et al 944 Es); Control improvements and interdisciplinary approach (Lienhardt and Rustomjee 949 Es); Diagnostics for developing countries, progress (Perkins et al 942 Es); Drug development pipeline progress (Spiegelman and Gillespie 945 Es); Epidemiology and HIV infection in Africa (Corbett et al 926 R), (Harries et al 1817 C), (1902 correction); Family-member DOTS and community DOTS in Nepal (randomised trial) (Garner and Volmink 878 Com), (Newell et al 903), (Frieden and Sbarbaro 2055 C), (Mohapatra and Janmeja 2055 C), (Newell et al 2055 C); Global control and progress in DOTS (Sharma and Liu 951 Es); Global epidemiology (Dye 938 Es); Global Plan to Stop TB and opportunity to address poverty and MDGs (Squire et al 955 Es); Management in Africa (Corbett et al 930 R); Miliary, BCG vaccination effect (meta-analysis) (Novelli 1122 Com), (Bourdin Trunz et al 1173); Monitoring and assessment in sub-Saharan Africa (Corbett et al 933 R); Mortality in HIV infection (Corbett et al 929 R); Prevention and control, Disease Control Priorities Project (DCPP) (Laxminarayan et al 1198 PH); Progress and *The Lancet* essay series (Zumla and Mullan 877 Com); Research priorities (Onyebujoh et al 940 Es); In sub-Saharan Africa, opportunities, challenges and antiretroviral therapy era (Corbett et al 926 R), (Harries et al 1817 C), (1902 correction);

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Tumorigenesis Glucose metabolism in (Ashrafian 618 H)
Tumour markers Testicular germ-cell cancer (Horwich et al 756 S)
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Uganda Child health in armed conflict and (Zwi et al 1886 Com); Condom crisis and increasing HIV infection rates again (Wakabi 1387 WR); Co-trimoxazole prophylaxis with antiretroviral drugs and insecticide-treated bednets, effect on malaria frequency in HIV-infected adults (Mermin et al 1256); Poverty increasing owing to population growth (Wakabi 558 WR)
UK Alcohol consumption patterns, alcohol policies and cirrhosis mortality increase (Room 10 Com), (Leon and McCambridge 52), (Leon and McCambridge 645 C), (650 correction), (Smith 1898 C), (Leon and McCambridge 1899 C), (Morrison et al 1899 C); *BNFC* publication and benefits (Kendall and Mehta 281 Com); Choice in health and reducing health inequalities (85 E); Clinical pharmacology and therapeutics (CPT) decline (Maxwell and Webb 799 Com), (Breckenridge et al 1051 C); Doctors and follow-up of tobacco use study (Boyle et al 1710 Com); Donation to safe Global Safe Abortion Programme (542 E); Drug-resistant enteric fever (Threlfall et al 1576 C); Health disparities and life expectancy differences and measurement of progress to reduce (1876 E); Institutional elder abuse (624 E); Obesity and joint replacement surgery rationing (876 E); Pharmaceutical industry influence and Government relationship (Collier 97 Com); Radiologist suspended over mammography results (370 E); Radiology and delayed communication of results and responsibilities (370 E), (Berlin 373 Com), (Garvey and Connolly 443 V); Scrutiny of science (Willis 567 C); Service personnel, health after Iraq war, Iraq war syndrome and syndrome interpretation (Axelrod 1709 Com), (Hotopf et al 1731), (Horn et al 1742); Smoking ban in public places (184 E), (624 E); UK doctors' anger over NHS cash crisis (Pepper 2047 WR) *See also* National Health Service (NHS)
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Ukraine Underestimation of toll of Chernobyl (Parfitt 1305 WR)
Ulceration Skin, *Mycobacterium ulcerans* causing (Millay et al 1874 CR)
Ulcerative colitis Gene identification and genes involved (Gaya et al 1271 R)
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Urate Intestinal perforation associated and presenting with acute abdomen, arthritis, impaired wound healing, and back pain (Härle et al 2032 CR)
Urbanisation Public-health challenges in Middle East and North Africa (MENA) region and (Ayodeji Akala and El-Saharty 961 Com)
Urethral strictures Management by dilations, open urethroplasty, urethral reconstruction (Waxman and Morey 1379 Com)
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USAID Humanitarian priorities threatened by appointment of R Tobias and plans to integrate aid with security goals (Bristol 1131 WR)
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Hypocalcaemia deterioration after intravenous calcium replacement (Stratta et al 273)
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P	Perspectives
PH	Public Health
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